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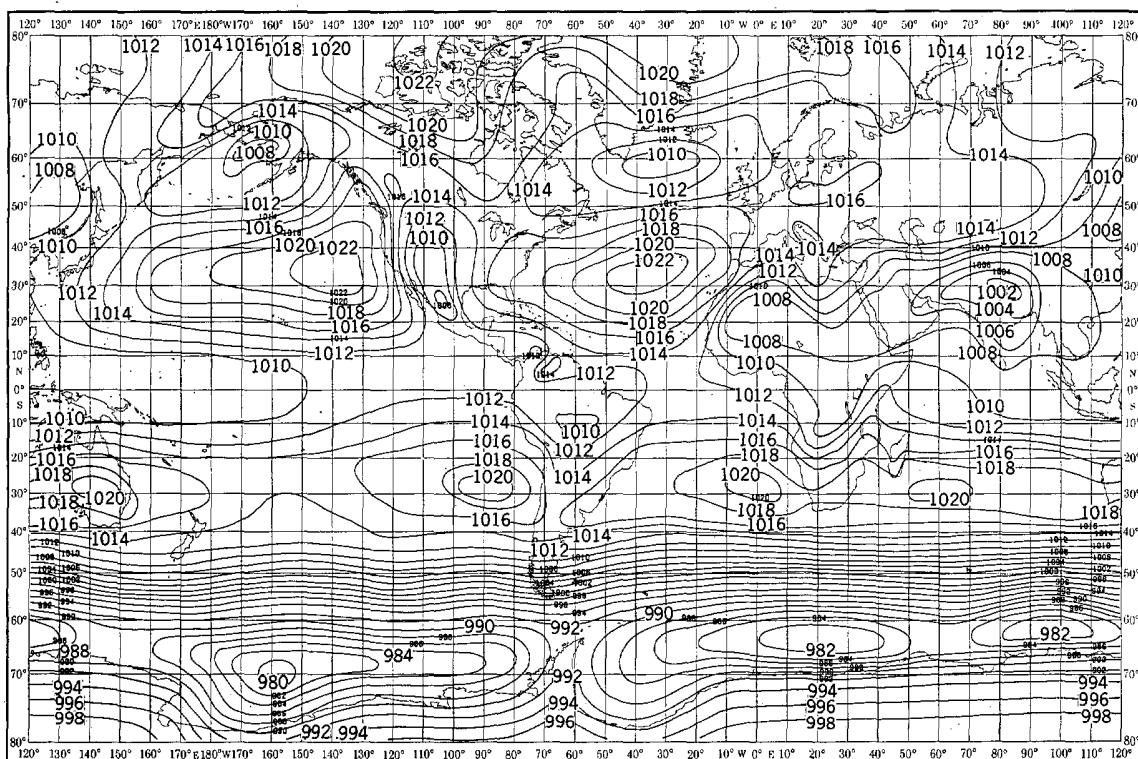
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MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

MAY

SEA LEVEL PRESSURE (MBS) - MEANS



Explanation on back cover

"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER, ASHEVILLE, NORTH CAROLINA."

28801

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PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = °C, degrees = °, geopotential meters = gpm; meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMATE and/or CLIMAT TEMP stations in the near future.

SURFACE DATA TABLES

DAYS OBS.:	The number of days on which observations were taken. Column will be blank if days are not reported.
PRESSURE:	Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE:	Mean temperature and departure from AVERAGE value in degrees °C. "S" indicates sea surface temperature.
DAYS 1 MM:	The number of days on which precipitation was 1 mm or more.
PRECIPITATION:	Total precipitation and departure from AVERAGE in mm. "T" indicates an amount less than 0.5 mm.
QUINTILE:	Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.:	Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1931-60.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

UPPER AIR DATA TABLES

HEIGHT:	Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
VECTOR WIND:	Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing days equals 9, nine or more days of wind data are missing.
STEADINESS:	Ratio of mean vector wind speed to mean scalar wind speed.
OB:	Observation time code; 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

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EUROPE-NORWAY

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE				
EUROPE																		
NORWAY																		
01001 JAN MAYEN	7056N	00840W	9	1009.1	1010.3	-1.1	-0.4	4.8	0.0	9	49	12	4					
01008 SVALBARD LUFTHAVN	7815N	01528E	29	1006.2	1009.8	-1.5	3.9			4								
01025 TROMSO/LANGNES	6941N	01855E	10	1008.3	1009.4	5.6	0.8	7.1	1.4	22	111	64	5					
01028 BJORNØYA	7431N	01901E	14	1006.7	1008.4	0.0	1.4	5.4	0.7	5	18	0	3					
01098 VARDO	7022N	03106E	15	1007.5	1009.2	5.1	2.6	6.7	0.6	9	36	7	4					
01152 BODO VI	6716N	01422E	13	1009.5	1011.0	6.5	-0.3	8.1	1.4	21	128	82	6					
01241 ORLAND III	6342N	00936E	7	967.1	1000.0	8.2	0.0	9.8	1.6	20	82	29	5					
01317 BERGEN/FLORIDA	6023N	00520E	36	1013.4	1017.8	9.3		8.9		21	198	4						
01384 OSLO/GARDERMOEN	6012N	01105E	204	31	1017.8	1018.8	10.2	1.2			5	35	-27	2				
01415 STAVANGER/SOLA	5853N	00538E	9	31	1017.8	1018.8	9.8	0.2	9.2	0.3	10	55	-7	3	136			
					S 0.0	0.0												
SWEDEN																		
02080 KARESUANDO	6827N	02230E	327	970.4	1009.9	5.3	2.4	6.2	0.7	8	39	8	4					
02128 GUNNARN	6501N	01741E	281	978.6	1012.4	7.3		6.4		10	51	4						
02196 HAPARANDA	6550N	02409E	6	1010.2	1011.1	6.8	1.1	7.3	0.8	10	68	34	5					
02226 OSTERSUND/FROSÖN	6311N	01430E	366	970.3	1014.3	7.4	0.3	6.7	-0.1	12	57	20	5					
02361 HARNOSAND	6238N	01757E	8	31	1012.7	1014.0	9.8	2.4	7.7	0.4	7	7	-32	1	107			
02418 KARLSTAD FLYGPLATS	5922N	01328E	55	1009.7	1016.4	10.8	1.0	8.8	0.7	5	41	1	3					
02464 STOCKHOLM/BROMMA	5921N	01757E	11	1015.3	1016.7	11.9	1.8	9.3	1.1	7	29	-2	3					
02512 GOTEBORG/SAVE	5747N	01153E	53	1012.2	1018.7	10.9	0.0	8.8	0.0	6	31	-13	3					
02550 JONKOPING FLYGPLATS	5746N	01405E	232	990.3	1018.0	11.1	1.7	8.3	-0.2	4	20	-25	1					
02590 VISBY FLYGPLATS	5740N	01821E	47	1012.6	1018.3	11.4	2.7	9.2	0.8	2	10	-22	1					
FINLAND																		
02801 KILPISJÄRVI	6903N	02047E	476	952.3	1010.0	2.6		5.7		10	30	5						
02805 KEVO	6945N	02702E	101	997.4	1009.7	5.5		6.4		9	37	5						
02836 SODANKYLA	6722N	02639E	179	988.3	1010.1	7.3	2.6	6.8	1.4	13	53	21	5					
02869 KUUSAMO	6558N	02911E	263	979.8	1011.6	7.0	2.6	7.0		11	52	12	4					
02875 OULU	6456N	02522E	15	1010.3	1012.1	8.9	2.0	8.4		10	54	24	5					
02897 KAJAANI	6417N	02741E	136	996.3	1012.7	9.2	2.1	8.2	1.8	13	44	9	4					
02911 VAASA	6303N	02146E	4	1012.2	1013.3	9.6	1.8	8.3	1.2	10	36	5	4					
02929 JOENSUU	6240N	02938E	117	999.6	1013.8	10.2	2.3	6.8		11	24	-14	1					
02935 JYVÄSKYLÄ	6224N	02541E	145	996.1	1013.6	9.9	1.7	7.5	0.5	9	48	9	4					
02942 NIINISALO	6151N	02228E	136	998.2	1014.7	9.5		7.0		9	44	4						
02958 LAPPEENRANTA	6105N	02809E	106	1002.2	1015.1	11.0	1.8	7.6		8	32	-4	3					
02963 JOKIOINEN	6049N	02330E	103	1003.0	1015.5	10.4	1.3	7.9	0.5	10	41	8	4					
02972 TURKU	6031N	02216E	59	1008.9	1016.0	10.7	1.5	7.6	0.1	9	37	7	4					
02974 HELSINKI-VÄNTÄÄ	6019N	02458E	56	1009.0	1015.8	11.1	1.8	8.2	0.7	9	37	3	3					
UNITED KINGDOM																		
03005 LERWICK	6008N	00111W	84	1007.4	1017.5	8.2	0.7	8.8	0.0	19	67	6	4	211	128			
03026 STORMOWAY	5813N	00619W	13	1016.7	1018.5	9.5	0.4	9.2	-0.5	11	48	-13	2	190	97			
03091 ABERDEEN/DYCE	5712N	00213W	65	1011.8	1019.6	10.3	1.3	9.3	0.2	6	42	-18	2	219	121			
03100 TIREE	5630N	00653W	12	1018.9	1020.0	9.9	0.1	9.7	-0.4	6	30	-27	1	245	105			
03160 EDINBURGH AIRPORT	5557N	00321W	41	1015.8	1020.2	11.1	1.1	9.7	0.5	4	30	-21	2	229	120			
03162 ESKDALEMUIR	5519N	00312W	242	991.6	1021.0	9.5	0.8	9.4	0.8	9	47	-47	1	181	104			
03257 LEEMING	5418N	00132W	40	1017.3	1021.3	12.3	1.9	10.0	0.6	1	5	-51	0	253				
03302 VALLEY	5315N	00432W	11	1019.9	1021.3	12.4	1.4	10.8	0.9	5	14	-42	1	271	120			
03334 MANCHESTER AIRPORT	5321N	00216W	78	1012.1	1021.3	12.9	1.5	10.2	0.9	8	32	-28	1	258	146			
03377 WADDINGTON	5310N	00031W	70	1012.7	1021.3	12.9	1.9	10.4	0.4	3	8	-39	1	291	141			
03534 BIRMINGHAM/AIRPORT	5227N	00144W	99	1009.6	1021.5	12.8	2.0	10.9	1.4	5	15	-41	0	253	135			
03715 CARDIFF-WALES AIRPORT	5124N	00321W	67	1013.4	1021.3	13.9	2.9	11.6	1.5	3	10	-53	0	279				
03776 LONDON/GATWICK AIRPORT	5109N	00011W	62	31	1014.3	1021.3	14.2	3.1	10.8	0.6					324			
03827 PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	1017.7	1021.0	14.4	2.9	12.2	1.4	2	6	-57	0	313	143			
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11	1019.9	1021.2	13.6	2.5	11.8	1.6	3	12	-49	0	317				
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	1012.4	1020.8	11.4	1.0	10.0	0.3	9	30	-26	2	249	127			
IRELAND																		
03953 VALENTIA OBSERVATORY	5156N	01015W	14	1019.3	1020.9	12.9	1.7	11.7	1.2	8	22	-63	0	241	120			
03955 CORK AIRPORT	5151N	00829W	162	1001.7	1021.3	12.3	2.0	11.1	1.1	5	10	-77	0	251				
03962 SHANNON AIRPORT	5242N	00855W	20	1018.8	1021.2	13.4	1.9	11.0	0.8	6	24	-35	1	236	120			
03969 DUBLIN AIRPORT	5326N	00615W	85	31	1010.9	1021.2	11.9	1.3	10.5	0.6	6	13	-45	1	119			
03976 BELMULLET	5414N	01000W	10	1019.7	1020.9	11.3	0.9	10.8	0.6	6	33	-31	1	217	105			
03980 MALIN HEAD	5522N	00720W	25	1017.4	1020.4	10.9	0.9	10.0	0.2	6	27	-32	1	232	110			

EUROPE-ICELAND

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MM TOTAL	% OF AV.
EUROPE	0	0	0	mb	mb	°C	°C	mb	mb	mb	mm	hr	%
ICELAND													
04018 KEFLAVIK	6358N	02236W	.54	31	1001.1	1007.7	4.9	-1.3	6.9	-1.1	16	135	
04030 REYKJAVIK	6408N	02154W	61		1000.5	1008.0	4.8	-1.7	6.6	-1.2	16	126	86
04063 AKUREYRI	6541N	01805W	27		1005.1	1008.5	4.7	-1.0	6.0	-1.0	4	15	-2
04082 HJARDARNES	6415N	01511W	12		1007.7	1009.0	5.6	-0.4	6.8	-0.6	15	149	58
DENMARK (GREENLAND)													
04209 UPERNAVIK AWS	7247N	05610W	61		1004.3	1012.4	-6.3		2.9				
04220 EGEDESMINDE	6842N	05245W	47		1006.0	1012.1	-3.3	-2.0	3.7	-0.5	9	26	11
04250 GOOTTHAB	6410N	05145W	48		1008.0	1011.5	-1.2	-2.6	4.9	-0.4	9	58	17
04312 NORD ADS	8136N	01640W	34		1010.5	1015.2	-9.9		2.2		6	19	
04320 DANMARKSHAVN	7646N	01840W	12		1012.5	1014.1	-7.5	-0.9	2.5	-0.3	5	15	11
04340 KAP TOBIN	7025N	02158W	42		1007.3	1012.7	-4.7	-0.7	3.2	-0.3	2	20	0
04360 ANGMAGSSALIK	6536N	03738W	52		1005.7	1010.2	-0.4	-1.4	4.4	-0.9	7	29	-32
04390 PRINS CHRISTIAN SUND	6002N	04307W	76		1006.8	1009.2	1.7	-0.3	5.0	-0.6			
DENMARK & FAROE IS.													
06011 THORSHAVN	6201N	00646W	39		1008.9	1013.7	7.1	0.1	9.6	1.0	18	93	22
06030 ALBORG	5706N	00952E	3		1018.7	1019.1	11.3	0.7	9.3	-0.4	4	30	-9
06186 KØBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9		1019.5	1020.1					4	14	-26
06190 RONNE	5504N	01445E	16		1018.6	1020.6	11.6		9.1		2	9	1
NETHERLANDS													
06260 DE BILT	5206N	00511E	4		1020.5	1021.0	14.6	2.5	10.5	0.1	2	6	-50
BELGIUM													
06447 UCCLÉ	5048N	00421E	104		1008.0	1020.0	15.8	2.9	11.4	0.4	3	20	-41
LUXEMBOURG													
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		974.6	1019.1	15.0	2.6	10.3	-0.3	4	35	-31
SWITZERLAND LIECHTENSTEIN													
06660 ZURICH (TOWN/VILLE)	4723N	00834E	569		953.6	1019.6	14.4	2.0	10.2	0.4	9	49	-53
06680 SAENTIS	4715N	00921E	2500		754.0	3095	1.4	1.7	5.4	0.3	10	91	-98
06700 GENEVE-COINTRIN	4615N	00608E	416		970.2	1018.7	15.3	1.9	10.9	0.9	3	23	-46
06770 LUGANO	4600N	00858E	276		985.8	1018.3	15.8	0.5	12.3	0.3	14	100	-79
FRANCE													
07024 CHERBOURG	4939N	00128W	138		1003.7	1020.3	12.5	1.9	12.8	2.4	3	7	-67
07110 BREST/GUIPAVAS	4827N	00425W	103		1007.3	1019.6	15.1	3.7	13.9	3.1	5	15	-55
07150 PARIS/LE BOURGET	4858N	00227E	65		1011.6	1019.4	16.3	3.0	13.1	1.8	4	21	-34
07180 NANCY/ESSEY	4841N	00613E	217		994.0	1019.7	15.0	2.2	11.4	0.6	8	49	-15
07190 STRASBOURG	4833N	00738E	154		1001.1	1019.4	16.2	2.5	12.4	1.2	6	40	-22
07222 NANTES	4710N	00136W	27		1015.6	1018.8	17.9	4.5	13.4	1.5	5	20	-36
07255 BOURGES	4704N	00222E	166		998.6	1018.2	16.9	3.4	12.2	0.9	6	18	-54
07280 DIJON	4716N	00505E	227		992.4	1019.2	16.2	2.2	13.1	1.9	8	46	-23
07434 LIMOGES	4552N	00111E	402		970.3	1017.0	16.5	4.0	10.6	0.2	10	55	-31
07480 LYON/BRON	4543N	00457E	201		994.3	1017.8	18.5	4.1	12.6	1.2	6	36	-33
07510 BORDEAUX/MERIGNAC	4450N	00042W	61								6	40	-30
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		999.4	1017.4	17.4	2.8	13.4	1.2	4	20	-52
07645 NIMES/COURBESSAC	4352N	00424E	62		1010.4	1017.7	19.3	2.9	12.6	1.0	0	1	-61
07650 MARSEILLE/MARIGNANE	4327N	00513E	36		1009.1	1013.3	19.3	2.4	13.3	0.9	0	0	-42
07690 NICE	4339N	00712E	10		1016.7	1017.9	17.9	1.5	15.7	1.9	1	4	-43
07747 PERPIGNAN	4244N	00252E	48		1012.6	1018.3	18.3	1.3	14.4	2.1	2	5	-48
07761 AJACCIO	4155N	00848E	9		1016.6	1017.3	17.1	1.3	14.1	-0.3	5	10	-34
SPAIN													
08001 LA CORUNA	4322N	00825W	67		1008.7	1016.7	17.0	2.9	15.0	2.6	4	23	-48
08141 VALLADOLID	4139N	00446W	735		931.4	1015.3	16.7	2.9	10.4	1.4	7	55	11
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		986.2	1016.1	19.3	1.9	12.3	0	8	50	16
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1016.4	1017.2	16.7		15.3	3	14	1	266
08222 MADRID	4025N	00341W	667		940.9	1016.1	18.4	2.2	10.7	0.7	12	98	55
08306 PALMA DE MALLORCA/SAN J.	3933N	00244E	8		1016.4	1017.1	17.8	1.2	15.7	7	13	-92	0
08314 MENORCA/MAHON	3952N	00414E	82		1007.4	1017.2	18.4	1.1	14.2	0.3	4	87	61
08329 BADAJOZ	3853N	00658W	195		994.7	1015.0	19.1	0.7	12.1	0.2	8	109	78
08359 ALICANTE	3822N	00030W	82		1007.6	1017.2	18.9	-0.4	14.6	1.4	5	61	31

EUROPE-SPAIN

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	
EUROPE	0°	0°	0	mb	0°C	0°C	mb	mb	mm	mm	mm	mm	%	
SPAIN														
08390 SEVILLA/TABLADA	3722N	00600W	14	1013.1	1014.8	21.0	1.3	14.1	1.0	3	13	-22	2 298 104	
08467 ALMERIA/AEROPUERTO	3651N	00223W	21	1013.1	1015.5	20.4		15.4		6	19	4	300 100	
GIBRALTAR														
08495 GIBRALTAR	3609N	00521W	5 31	1016.5	1016.9	18.9	0.2	16.6	2.0	4	42	5	4 95	
PORTUGAL														
08506 HORTA (ACORES)	3831N	02838W	62 31	1012.2	1019.6	16.4		14.4		12	67		90	
08513 PONTA DELGADA (ACORES)	3745N	02540W	36 31	1014.8	1019.1	16.5		14.7		13	134		100	
08515 SANTA MARIA (ACORES)	3658N	02510W	100 31	1007.0	1019.0	16.5	-0.2	13.7	0.1	8	44	23	5	
08535 LISBOA	3843N	00909W	95 31	1006.1	1017.2	18.7		14.7		8	52		90	
08546 PORTO/SERRA DO PILAR	4108N	00836W	100	1004.5	1016.2	17.4		14.8		7	50		80	
GERMAN DEMOCRATIC REPUBLIC														
09170 WARNEEMUENDE	5411N	01205E	10	1020.0	1021.2	12.6	1.7	10.1	-0.1	1	4	-43	0 337 125	
09184 GREIFSWALD	5406N	01324E	6	1020.2	1021.0	13.0	1.8	10.0	-0.2	2	3	-48	0 343 125	
09379 POTSDAM	5223N	01304E	100	1008.9	1020.9	14.7	1.8	9.4	-0.7	3	17	-38	0 333 140	
09393 LINDENBERG	5213N	01407E	112	1007.0	1020.5	14.9	2.1	9.8	-0.1	4	14	-37	1 347 140	
09469 LEIPZIG-SCHKEUDITZ	5125N	01214E	133	1003.8	1020.8	14.5	1.8	9.9	-0.8	4	23	-28	0 317 140	
09488 DRESDEN-KLOTZSCHE	5108N	01347E	226	993.7	1020.8	14.6	1.9	9.5	-0.5	4	21	-20	2 314 135	
09499 GOERLITZ	5110N	01457E	238	991.9	1020.5	13.6	1.4	10.1	-0.2	6	28	-42	1 301 125	
09548 MEININGEN	5034N	01023E	453	966.9	1020.5	13.2		9.1		6	37		320	
09554 ERFURT-BINDERSLEBEN	5059N	01058E	323	982.6	1021.3	13.5	1.7	9.4	-0.6	5	28	-27	1 320 155	
09578 FICHTELBERG	5026N	01257E	1215	882.4	1522	Y	7.7	1.5	8.0	0.3	9	70	-37	2 268 140
GERMANY, FEDERAL REPUBLIC OF														
10035 SCHLESWIG	5432N	00933E	48	1015.3	1021.1	12.3	1.6	10.0	0.2	3	12	-44	1 321 129	
10147 HAMBURG-FUHLSBUETTEL	5338N	01000E	16	1019.1	1021.1	14.0	2.2	9.6	-0.3	3	8	-47	0 323 140	
10203 EMDEN-HAFEN	5321N	00712E	12	1019.8	1021.3	13.4	1.9	10.5	0.1	3	11	-46	0 314 145	
10338 HANNOVER	5228N	00942E	54	1014.6	1021.1	14.2	1.9	9.8	-0.6	2	8	-51	0 332 146	
10384 BERLIN-TEMPELHOF	5228N	01324E	49	1014.7	1020.6	15.7	2.1	9.8	0.7	3	9	-45	0 352	
10410 ESSEN	5124N	00658E	161	1001.3	1020.5	15.6	2.8	10.1	-0.1	3	13	-58	0 336 158	
10438 KASSEL	5118N	00927E	233	992.9	1020.6	14.7	1.9	9.6	-0.4	2	11	-55	0 319 144	
10628 GEISENHEIM	4959N	00757E	120	1005.4	1019.7	16.3	2.4	10.1	-0.1	5	17	-32	1 329 141	
10739 STUTTGART/SCHNARRENBERG	4850N	00912E	311	986.0	1019.3	15.9	2.9	10.1	-0.2	7	51	-27	1	
10763 NUERNBERG	4930N	01105E	312	983.1	1019.9	15.2	2.4	9.5	-0.4	8	27	-33	1 315 136	
10866 MUENCHEN-RIEM	4808N	01142E	529	957.4	1019.0	13.4	1.4	10.1	0.1	9	46	-53	1 271 130	
10929 KONSTANZ	4741N	00911E	447	966.7	1018.7	15.2	2.2	10.6		9		1	295 145	
10961 ZUGSPITZE	4725N	01059E	2962	711.1	3087	Z	-2.3	0.8	4.7	0.3	17	128	-51	2 186 109
AUSTRIA														
11028 ST. POELTEN	4812N	01537E	282	984.7	1019.4	14.1	0.8	11.1	0.4	10	128	51	5 240 115	
11035 WIEN/HOHE WARTE	4815N	01622E	209	993.5	1019.0	15.0	0.7	11.7	0.7	10	89	30	5 241 103	
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	598	947.4	1018.7	13.1	0.0	9.5	0.3	9	53	-32	1 204 110	
11146 SONNBICK	4703N	01257E	3107	697.1	3073	Z	-3.9	0.2	4.4	0.0	17	103	-54	1 153 103
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450	965.4	1018.8	13.9	1.3	10.4	0.2	12	100	-31	2 223 117	
11155 FEUERKOGEL	4749N	01344E	1621	842.6	1522	Y	6.1		7.5		11	108	3	189 105
11212 VILLACHERALPE	4636N	01340E	2160	787.8	1532	Y	2.3		6.1		11	59	1	177 100
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	452	963.2	1018.6	12.7	-0.5	10.1	-0.1	10	72	-15	3 226 108	
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	976.2	1018.6	13.8	0.2	11.2	0.2	13	124	43	5 236 112	
CZECHOSLOVAKIA														
11406 CEB	5005N	01224E	471 31	965.1	1020.4	13.3	1.9	9.7	0.4	4	15	-38	1 129	
11518 PRAHA/RUZYNE	5006N	01417E	369 31	976.4	1020.0	13.5	1.0	9.6	-0.4	6	38	-29	1 123	
11520 PRAHA-LIBUS	5000N	01427E	304 31	984.0	1020.2	14.7	2.0	10.0	0.3	6	37	-30	2 120	
11723 BRNO/TURANY	4909N	01642E	246 31	990.2	1019.3	14.6	1.0	10.1	-0.3	6	17	-36	1 111	
11782 OSTRAVA/MOSNOV	4941N	01807E	256 31	989.5	1020.0	13.4	0.7	11.0	0.4	10	75	-20	3 114	
11903 SLIAC	4838N	01909E	318 31	980.4	1018.3	14.2	1.0	10.8	-0.2	7	56	1	3 96	
11934 POPRAD/TATRY	4904N	02015E	707 31	936.0		10.9	0.3	9.1	-0.4	13	105	39	5 86	

EUROPE-CZECHOSLOVAKIA

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE hrs	
EUROPE CZECHOSLOVAKIA															
POLAND	0°	0°	3				S19.7								
12120 LEBA	5445N	01732E	2	1019.8	1020.1	11.1	10.1	2	18						
12160 ELBLAG	5410N	01926E	43	1014.9	1020.1	12.7	9.9	3	6						
12205 SZCZECIN	5324N	01437E	3	1019.8	1020.6	13.8	1.4	10.1	-0.3	4	12	-39	0		
12295 BIALYSTOK	5306N	02310E	151	1000.8	1019.0	13.2	0.8	10.4	0.0	4	26	-24	1	141	
12330 POZNAN	5225N	01650E	92	1009.8	1019.7	14.0	1.3	9.8	-0.3	5	18	-35	1		
12375 WARSZAWA-OKECIE	5210N	02058E	107	1006.6	1019.5	14.3	1.3	11.1	0.5	6	26	-26	1		
12424 WROCŁAW II	5106N	01653E	121	1005.5	1020.1	13.9	1.2	10.4	-0.5	6	38	-22	2	74	
12497 WŁODAWA	5133N	02332E	179	997.5	1019.0	13.8	11.1	8	34						
12695 PRZEMYSŁ	4948N	02246E	280	985.2	1018.6	13.5	0.5	11.3	0.1	9	10	-60	1		
HUNGARY															
12772 MISKOLC	4808N	02048E	119	1002.8	1017.5	15.0	-0.1	11.7	-0.4	8	66	0	3	229	
12840 BUDAPEST/METEOROLOGIA	4731N	01902E	129	1002.1	1017.5	16.4	-0.1	11.3	0.2	8	79	20	4	226	
12843 BUDAPEST/LORINC	4726N	01911E	139	1000.5	1017.1	15.7	-0.1	11.8	0.2	10	57	8	4	242	
12882 DEBRECEN	4729N	02138E	112	1003.1	1017.0	15.5	-0.2	12.2	-0.1	10	86	30	4	252	
12942 PECS	4600N	01814E	203	993.5	1017.7	14.6	-0.9	11.2	-0.4	23	105	41	5	209	
12982 SZEGED	4615N	02006E	83	1007.4	1017.2	16.0	0.1	12.1	-0.4	8	62	8	4	204	
YUGOSLAVIA															
13015 LJUBLJANA/BEZIGRAD	4604N	01431E	316	981.5	1018.8	14.8	11.3	10	58	1	232	115			
13129 ZAGREB/GRIC	4549N	01559E	162	31	998.7	1018.0	15.6	-0.3	11.0	-0.7	14	106	22	4	99
13274 BEograd	4448N	02028E	132	1001.5	1017.2	16.0	-0.8	12.0	0.0	14	74	-4	3	187	
13334 SPLIT/MARJAN	4331N	01626E	128	31	1000.1	1016.6	18.0	-0.6	11.8	-0.8	7	43	-13	3	75
13462 TITOGRAD/GOLUBOVCI	4222N	01915E	33	1010.1	1016.1	17.8	-0.9	12.1	0.1	6	68	-30	3	261	
13586 SKOPJE-PETROVAC	4158N	02139E	239			17.4	0.4	8	52	-13	2	229	111		
ROMANIA															
15085 BISTRITA	4709N	02431E	367	31	973.9	1017.2	13.8	-0.2	11.5	0.0	9	48	-28	1	
15090 JASI	4710N	02738E	104	31	1004.3	1016.6	16.0	0.4	11.8	-0.6	4	60	2	4	112
15120 CLUJ-NAPOCA	4647N	02334E	413	15	968.2	1016.7	13.1	-1.0	11.4	0.0	15	96	18	4	98
15247 TIMISOARA	4546N	02115E	88	31	1007.1	1017.6	15.4	-0.5	12.2	-0.5	8	34	-30	1	85
15260 SIBIU	4548N	02409E	444	31	965.0	1017.3	12.8	-1.2	11.2	-1.1	12	80	-6	3	91
15360 SULINA	4509N	02940E	9	31	1014.8	1015.9	15.1	-0.4	14.5	-0.7	3	27	-8	3	86
BULGARIA															
15511 LOM	4349N	02315E	33	1013.1	1017.0	16.2	-0.8	13.5		9	55	3	3	179	
15552 VARNA	4312N	02755E	43	1011.5	1016.5	14.6	-0.8	13.0		8	37	-11	2	161	
15614 SOFIA (OBSERV.)	4239N	02323E	595	947.9	1016.8	13.4	-1.2	10.2		13	58	-21	2	168	
15655 BURGAS	4229N	02729E	28	1013.4	1016.7	14.8	-1.0	13.3		12	76	24	5	207	
ITALY															
16090 VERONA/VILLAFRANCA	4523N	01052E	68	1010.0	1018.1	18.4	1.7	13.6	-0.2	6	73	-8	3	179	
16158 PISA/S. GIUSTO	4341N	01023E	1	1017.1	1017.8	16.9	0.8	13.1	-0.4	6	27	-33	1	267	
16230 PESCARA	4226N	01412E	11	1015.2	1016.4	16.8	0.2	13.4	-0.1	6	29	-11	3	236	
16320 BRINDISI	4039N	01757E	10	1015.1	1016.3	17.3	-0.5	13.8	-1.8	3	10	-19	2	287	
16325 MARINA DI GINOSA	4026N	01653E	12	1013.5	1014.5	16.7	-0.9	14.4	-1.0	4	13	-16	2	100	
16420 MESSINA	3812N	01533E	51	1010.2	1016.6	18.4	-0.2	15.0	0.5	4	26	-13	3	249	
16429 TRAPANI/BIRGI	3755N	01230E	14	1015.7	1016.9	18.0	-0.1	15.9	0.6	3	19	-5	3	261	
16520 ALGHERO	4038N	00817E	40	1013.7	1017.0	17.5	0.9	15.6	0.8	3	14	-12	2	259	
16560 CAGLIARI/ELMAS	3915N	00903E	18	1015.9	1016.5	17.6	0.3	16.0	2.1	6	23	-6	4	233	
MALTA															
16597 LUQA	3551N	01429E	91	31	1008.4	1017.0	18.7	-0.3	15.5	-0.3	1	12	2	4	96
GREECE															
16622 THESSALONIKI/MIKRA	4031N	02258E	4	1016.0	1016.6	18.5	-1.0	13.0	-1.6	7	27	-22	2	253	
16641 KERKYRA	3937N	01955E	4	1015.1	1015.7	18.6	-0.9	14.0	-1.4	3	19	-24	2	272	
16648 LARISSA	3938N	02225E	74	1006.3	1015.1	18.1	-1.6	11.7	-2.0	6	29	-11	3	239	
16714 ATHINAI/OBSERVATORY	3758N	02343E	107	1003.3	1015.8	19.0	-1.2	11.4	-1.9	1	4	-19	2	288	
16716 ATHENS(HELLINIKON)	3754N	02344E	15	1014.5	1016.2	19.5	-1.2	12.8	1	11	-10	3	283		
16726 KALAMATA	3704N	02201E	8	1014.9	1015.8	18.4	-1.5	13.5	-1.6	4	57	271	100		

EUROPE-GREECE

EUROPE-GREECE

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	% OF AV.
EUROPE														
16746 SOUDA	3529N	02407E	151	998.3	1016.3	18.2	-1.9	12.9	-1.2	3	20	9.4	296	95
16754 HERAKLION	3520N	02511E	39	1011.3	1016.0	18.6	-1.8	13.1	-1.5	3	23	10.4	307	110
TURKEY														
17030 SAMSUN	4117N	03620E	4	1016.4	1016.8	16.1	0.5	13.8	-0.8	10	42	-7.2		
17050 EDIRNE	4140N	02634E	48	1010.6	1016.7	16.2	-1.7	12.8	-0.4	9	68	14.4		
17062 ISTANBUL/GOZTEPE	4058N	02905E	40	1012.2	1016.1	16.3	-0.1	14.0	0.2	9	49	18.5		
17074 KASTAMONU	4122N	03316E	799	923.8	1015.1	13.2	-0.9	9.6	-0.9	11	54	-15.3		
17090 SIVAS	3945N	03701E	1285	871.8	1013.6	13.9	0.5	8.6	-0.1	6	23	-35.1		
17092 ERZINCAN	3944N	03930E	1215	878.7	1011.9	16.8	1.3	8.3	-1.0	4	23	-30.1		
17112 CANAKKALE	4008N	02624E	3	1016.1	1016.7	16.7	-0.7	15.0	-0.1	5	28	-5.3		
17116 BURSA	4011N	02904E	100	1004.7	1016.6	17.6	0.8	11.5	-2.3	9	44	-1.3		
17130 ANKARA/CENTRAL	3957N	03253E	894	913.4	1015.5	15.6	-0.1	9.0	-1.0	11	.75	20.4		
17190 AFYON	3845N	03032E	1034	899.0	1014.7	14.8	0.2	9.9	0.0	5	57	1.3		
17220 IZMIR	3826N	02710E	25	1011.8	1014.7	20.0	-0.5	14.0	-0.4	5	30	-5.3		
17240 ISPARTA	3745N	03033E	997	902.6	1014.0	15.7	0.3	9.5	-0.3	4	34	-21.2		
17270 URFA	3708N	03846E	547	948.1	1009.1	24.2	2.5	11.2	0.1	1	1	-32.1		
17280 DIYARBAKIR	3753N	04011E	677	935.4	1011.6	21.2	1.8	10.4	-2.4	1	2	-41.1		
17292 MUGLA	3712N	02821E	646	940.3	1014.1	17.4	0.0	11.4	0.3	4	27	-11.3		
17300 ANTALYA	3642N	03044E	57	1006.6	1011.5	20.5	0.2	15.1	-1.3	1	33	5.4		
17352 ADANA	3659N	03518E	20	1010.5	1012.9	23.4		15.5		0	T	1		
USSR														
22113 MURMANSK	6858N	03303E	46	1004.2	1010.4	6.7	3.3	6.7	1.2	8	61	36.5	185	95
22165 KANIN NOS	6839N	04318E	49	1005.3	1011.4	3.2	4.0	6.2	1.2	5	20	1.4	209	30
22550 ARHANGEL'SK	6435N	04030E	13	1013.0	1014.0	10.1	3.9	7.6	1.5	7	28	-13.2	329	145
22602 REBOLY	6349N	03049E	181	991.3	1013.2	9.2	2.9	7.4	1.1	7	35	0.3	288	125
22837 VYTEGRA	6101N	03627E	59	1009.3	1016.1	10.8	2.1	8.3	0.8	7	23	-27.1	312	120
26038 TALLIN	5925N	02448E	44	1013.2	1017.3	10.6	1.7	8.2	0.3	1	8	-30.1	353	70
26063 LENINGRAD (TOWN/VILLE)	5958N	03018E	4	1015.8	1016.5	12.5	2.3	8.7	0.4	6	27	-11.2	322	125
26477 VELIKIE LUKI	5623N	03036E	98	1004.5	1016.9	12.9	1.3	9.9	0.4	8	19	-38.1	1329	145
26629 KAUNAS	5453N	02353E	75	1010.6	1019.9	12.9	0.8	9.5	-0.7	1	7	-46.0		
26850 MINSK	5352N	02732E	234	990.2	1017.7	14.1	1.8	9.7	0.2	7	44	-17.2	348	
27037 VOLOGDA	5917N	03952E	118	999.9	1015.5	11.1	1.2	8.5	0.4	10	21	-26.1	273	105
27196 KIROV	5839N	04937E	164	994.8	1014.8	11.8	1.1	8.6	0.9	7	40	-10.3	268	105
27595 KAZAN'	5547N	04911E	64	999.5	1013.7	12.8	-0.3	9.8	1.0	11	114	76.6	112	40
27612 MOSKVA	5545N	03734E	156	997.5	1016.1	13.4	0.8	10.2	2.0	6	33	-27.1		
33345 KIEV	5024N	03027E	179	996.9	1016.8	14.7	0.0	10.1	-0.7	5	29	-23.1		
33393 L'VOV	4949N	02357E	325	980.0	1018.1	13.6	1.0	10.7	0.0	10	146	74.5	43	
33837 ODESSA	4629N	03038E	64	1011.5	1016.5	15.3	0.4	11.9	-0.3	5	13	-30.1	265	60
33946 SIMFEROPOL'	4501N	03359E	205	994.3	1015.7	14.6	-0.5	11.6	-0.1	9	47	-1.3	276	100
34122 VORONEZ	5142N	03910E	164	997.6	1015.2	13.8	-0.7	10.2	0.8	6	34	-17.2	276	110
34172 SARATOV	5134N	04602E	156	991.0	1014.9	13.1	-1.8	9.6	0.9	13	84	40.5	242	85
34300 HAR'KOV	4956N	03617E	152	997.6	1016.1	14.4	-1.0	10.9	0.7	6	32	-15.2	250	100
34731 ROSTOV-NA-DONU	4715N	03949E	77	1007.2	1016.1	15.2	-1.8	11.6	-0.1	10	42	-8.3	234	
34880 ASTRAHAN'	4616N	04802E	18	1017.9	1015.4	15.5	-3.0	11.7	0.7	8	62	41.5	278	
37050 PJATIGORSK	4403N	04302E		953.7	1016.5	13.1	-1.7	10.9	-0.7	14	107	35.5	151	
37549 TBILISI	4141N	04457E	490	966.2	1015.5	18.6	0.9	11.2	-0.3	9	38	-41.2	237	135
SYRIAN ARAB REPUBLIC														
40001 KAMISHLI	3703N	04113E	455	957.5	1008.1	25.7	3.5	8.7	-2.4	4	6	-27.3	323	80
40007 ALEPPO	3611N	03713E	393	968.3	1012.6	23.4	2.3	10.1	-1.6			112		85
40022 LATTAKIA	3532N	03546E	7	1013.4	1014.3	21.6	1.1	17.6	-0.1	5				
40030 HAMA	3508N	03643E	309	975.5	1013.8	22.3		9.9		0	0	-12.0		
40045 DEIR EZZOR	3519N	04009E	212	986.8	1011.4	26.2	2.0	0.0	-10.0					
40080 DAMASCUS NEW INTL AIRPORT	3325N	03631E	611	943.0	1011.1	21.5	0.7	8.7	-0.7	0	0	-5.0		
ISRAEL														
40180 BEN-GURION INTL AIRPORT	3200N	03454E	49	1009.7	1014.4	22.1	1.1	17.5	2.6	0	0	-4.0	352	104
40184 JERUSALEM	3147N	03513E	809	929.1	1515	20.4	0.6	11.2	1.9	0	0	-4.0	354	102
40199 EILAT	2933N	03457E	13	1009.2	1010.3	29.8	1.4	8.8	-1.0	0	0	0.0	357	112
JORDAN														
40250 H-4 'IRWAISHED'	3230N	03812E	688	31	935.0	1010.0	24.4	1.7	8.4	0.3				107
40270 AMMAN AIRPORT	3159N	03559E	768	31	925.3	1011.5	21.7	1.5	9.0	-0.9	0	T	-3.3	101

EUROPE-JORDAN

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL hr	% OF AV.
EUROPE	0°	0°	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	mm	hr	%
JORDAN															
40310 MA'AN	3010N	03547E	1070	31	887.9	1009	Y	22.2	1.4	10.8	2.7	0	0	-20	97
ASIA															
USSR															
20046 POLAR GMÖ IM.E.T.KRENKELJA	8037N	05803E	20	1008.9	1011.7	-8.0	1.4	2.9	0.3	5	19	-24	151		
20069 OSTROV VIZE	7930N	07659E	18	1012.8	1014.1	-8.5	2.0	3.6	1.0	9	20	-34	98		
20292 GMO IM.E.K. FEDOROVA	7743N	10417E	13	1012.4	1014.3	-8.2	3.1	2.9	0.4	1	6	-90	221		
20674 OSTROV DIKSON	7330N	08014E	20	1005.3	1011.3	-5.2	3.6	3.9	0.8	6	34	145	130		
20891 HATANGA	7159N	10228E	24	1008.4	1012.7	-4.8	2.8	3.7	0.7	7	17	03	269		
21432 OSTROV KOTEL'NYJ	7600N	13754E	10	1017.1	1018.1	-10.2	-0.8	2.4	-0.7	1	6	-52	166	75	
21946 COKURDAH	7037N	14753E	48	1007.2	1015.1	-6.4	-0.7	3.4	-0.2	1	2	-91	294	100	
21965 OSTROV CETYREH-STOLBOVOJ	7038N	16224E	6	1010.9	1016.2	-7.0	-0.4	1.4	-2.1					199	
23146 MYS KAMENNYJ	6828N	07336E		1013.4	1014.5	-3.4	3.0	4.3	0.7	9	38	94			
23205 MAR' JAN-MAR	6739N	05301E	7	1012.9	1014.2	5.0	5.8	6.2	1.6	4	17	-92	269	145	
23219 HOSEDA-HARD	6705N	05923E	84	1004.6	1015.1	3.2	5.4	5.8	1.5	6	21	-63	242	115	
23330 SALEHARD	6632N	06532E	35	1013.4	1015.4	2.4	3.9	5.5	1.3	6	26	-53	243		
23472 TURUHANSK	6547N	08757E	32	1008.5	1013.3	2.0	2.3	4.5	0.5	10	36	64	276	225	
23552 TARKO-SALE	6455N	07749E	27	1011.2	1015.0	0.0	2.1	5.0	0.9	9	26	-13	231	100	
23724 NJAKSIMVOL'	6226N	06052E	50	1009.2	1015.5	8.2	3.2	7.3	1.6	12	65	185	259		
23804 SYKTYVKAR	6140N	05051E	96	1000.3	1014.7	10.1	2.0	8.1	1.5	9	44	34	202	95	
23884 BOR	6136N	09000E	63	1006.5	1013.6	7.0	2.8	6.3	1.3	6	26	-201	176	120	
23933 HANTY-MANSIJSK	6058N	06904E	40	1009.5	1015.8	8.1	1.6	7.0	0.9	5	20	-221	313		
24105 ESSEJ	6828N	10222E	271	978.9	1012.9	-2.0	1.7	4.1	0.4	7	20	-24	231	70	
24507 TURA	6410N	10004E	186	989.2	1012.1	4.0	1.4	5.1	0.8	6	33	54	219	95	
24817 ERBOGACEN	6116N	10801E	291	967.0	1011.2	6.6	2.4	5.2	0.4	4	28	-42	265		
25173 MYS SMIDTA	6855N	17929W	7	1017.0	1017.6	-6.9	-0.8	3.6	0.3	7	12	-23	183		
25248 ILIRNEJ	6720N	16814E	426	971.1	1015.4	-2.5	0.5	4.0	0.3	5	13	65	276	85	
25325 UST'-OLOJ	6633N	15925E	125	997.8	1013.8	1.7	-0.2	4.2	-0.3	1	17	55	334		
25399 MYS ULEEN	6610N	16950W	7	1015.9	1016.4	-4.1	0.0	4.2	0.2	11	42	236	101		
25563 ANADYR'	6447N	17734E	62	1006.3	1014.0	-2.2	0.3	4.7	-0.4	6	14	45	180	30	
25703 SEJMCAN	6255N	15225E	207	966.8	1012.7	4.3	0.5	5.0	0.0	1	5	-91	137	60	
25744 KAMENSKOE	6229N	16613E	8	1011.5	1012.8	0.6	-0.2	5.0	0.3	5	12	-63	228	100	
25954 KORF	6021N	16600E	3	1012.8	1013.2	1.6	0.3	5.7	0.4	2	7	-161	165	80	
28225 PERM	5801N	05618E	161	993.0	1013.5	11.4	0.3	8.6	1.1	11	123	746	265	95	
28275 TOBOL'SK	5809N	06811E	44	1009.0	1014.8	11.0	1.1	8.3	1.3	8	58	255	309	130	
28440 SVERDLOVSK	5648N	06038E	237	980.9	1014.3	11.8	0.4	8.2	1.5	3	26	-152	266	110	
28698 OMSK	5456N	07324E	94	1000.4	1015.1	11.6	-0.4	7.8	0.8	6	48	215	253	85	
28952 KUSTANAJ	5313N	06337E	171	994.9	1013.5	13.3	-0.7	10.0	2.4	7	40	165	230	80	
29231 KOLPASEV	5818N	08254E	76	1006.3	1015.6	9.5	2.1	7.1	1.1	7	80	355	329	20	
29263 ENISEJSK	5827N	09209E	78	1004.9	1014.6	9.4	2.3	6.9	1.0	8	40	-33	311	140	
29282 BOGUCANY	5825N	09724E	134	997.5	1013.6	9.6	2.5	6.4	0.7	5	18	-162	279	55	
29574 KRASNOJARSK	5600N	09253E	194	982.8	1015.7	11.6	2.6	6.4	0.6	5	13	-301	1		
29838 BARNAU	5320N	08342E	196	995.0	1017.1	13.0	1.1	8.0	0.8	8	30	-63	307	125	
29866 MINUSINSK	5342N	09142E	251	987.2	1017.3	12.2	1.4	7.6	0.7	5	33	14			
30230 KIRENSK	5746N	10807E	258	981.3	1012.2	8.3	1.7	6.6	1.1	11	34	44	251		
30309 BRATSK	5604N	10150E	326	964.9	1014.7	7.7	0.9	7.1	1.6	10	50	255	230		
30469 KALAKAN	5507N	11645E	613	937.2	1009.3	6.9	0.9	4.9	0.1	6	28	24	209		
30554 BOGDARIN	5428N	11335E	995	895.0	1009.2	6.4	3.2	4.6	0.3	5	45	245	270		
30635 UST'-BARGUZIN	5326N	10859E	457	958.7	1014.0	5.6	1.9	6.5	1.8	4	23	44			
30673 MOGOCA	5344N	11947E	619	935.4	1008.6	7.9	1.0	5.3	0.1	1	4	-261	1299	125	
30710 IRKUTSK	5216N	10421E	485	959.4	1014.8	10.4	1.8	6.7	0.7	8	22	-62	288	120	
30758 CITA	5201N	11320E	685	932.1	1010.2	9.6	1.0	5.5	1.0	6	31	115	268	100	
31088 OHOTSK	5922N	14312E	6	1011.2	1011.9	2.1	0.8	6.1	0.7	9	76	325	170	160	
31168 AJAN	5627N	13809E	9	1010.3	1011.4	2.4	0.8	5.9	0.6	12	112	345	160	95	
31253 BOMNAK	5443N	12856E	357	964.9	1007.5	7.8	-0.2	6.2	0.0	8	37	-272	266	130	
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1000.1	1008.5	2.9	-1.6	6.2	-0.2	16	84	385			
31416 IM POLINY OSIPENKO	5225N	13630E	73	999.4	1008.3	5.7	-2.7	6.5	0.1	6	21	-132	186	75	
31510 BLAGOVESCHENSK	5016N	12730E	137	991.2	1006.9	12.4	0.5	6.4	-0.9	1	5	-431			
31735 HABAROVSK	4831N	13510E	72	996.1	1007.0	9.9	-1.7	6.8	-1.2	10	27	-351	1275	125	
31960 VLADIVOSTOK	4307N	13154E	138	987.2	1009.1	10.3	0.8	8.6	0.5	10	35	-391	1257	145	
32150 JUZNO-SAHALINSK	4655N	14244E	31	1006.3	1009.2	6.2	-0.4	6.9	-0.5	10	46	-202	226		
32195 SIMUSIR	4651N	15152E	26	1011.6	1014.7	3.2	-0.1	7.1	0.3	14	232	1025	131		
32411 ICA	5542N	15538E	4	1011.0	1011.8	3.0	0.9	6.0	-0.2	7	24	-312	1421	110	
32540 PETROPAVLOVSK-KAMCATSKIJ	5258N	15845E	7	1009.7	1012.7	4.0	0.1	6.1	0.2	5	55	-103	203	105	

ASIA-USSR

ASIA-USSR

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	mm	DEPARTURE	QUINTILE				
ASIA																			
USSR																			
32618 NIKOL'SKOE (OSTROV BERINGA)	5512N	16559E	6	1010.6	1012.4	2.2	0.0	6.4	0.4	7	22	-26	1	113	100				
35121 ORENBURG	5145N	05506E	109	999.4	1013.4	14.9	-1.0	10.3	1.9	8	59	31	5	243	85				
35358 TURGAJ	4938N	06330E	123			15.3	-1.3	10.4	4.0	6	35	21	5						
35394 KARAGANDA	4948N	07308E	555	952.1	1016.5	13.0	-0.2	9.1	1.8	9	33	2	4	274					
35796 BALHAS	4654N	07500E	423	975.8	1016.5	17.6	1.7	11.6	2.6	1	3	-8	2						
35925 SAM	4525N	05612E	82	1004.4	1014.9	17.3	-2.1	8.9	1.3	6	34	23	6						
36177 SEMIPALATINSK	5021N	08015E	206	993.3	1016.6	14.4	0.5	9.2	1.7	12	43	17	5	285	95				
36870 ALMA-ATA	4314N	07656E	847	920.5	1016.9	14.9	-1.1	10.2	-0.1	8	93	-12	3	191	80				
38001 FORT SEVCENKO	4433N	05015E	-20	1015.8	1018.6	16.1	-2.6	11.1	-1.1	3	16	7	5	294	90				
38262 CIMBAJ	4257N	05949E	66	1008.1	1016.2	19.5	-0.4	11.0	0.1	3	24	13	5	318					
38413 TAMDY	4144N	06437E	220	988.0	1015.5	21.5	-0.4	8.2	-1.1	1	16	2	4	320					
38457 TASKENT	4116N	06916E	428	959.5	1015.3	19.0	-1.1	10.8	-1.5	4	37	-8	4	310	100				
38507 KRASNODVODSK	4002N	05259E	89	1005.4	1014.9	18.9	-0.7	9.4	-2.1	1	4	-9	2	355	80				
38687 CARDZOU	3905N	06336E	193	992.8	1015.1	20.8	-2.5	13.6	2.6	1	2	-5	3	357	80				
38880 ASHABAD	3758N	05820E	228	988.6	1014.9	22.5	-0.7	10.4	-2.2	2	12	-16	2	309	70				
SAUDI ARABIA																			
40356 TURAIF	3141N	03840E	818	920.5	1517	Y	26.5		6.6		C	T							
40357 ARAR	3054N	04108E	552	948.6	1009.1		28.7		10.6		0	0							
40360 GURIAT	3125N	03716E	504	954.5	1010.7		24.8		8.4		0	T			347				
40361 AL-JOUF	2947N	04006E	689	935.0	1010.0		31.0		5.3		0	0							
40373 HAFR AL-BATIN	2820N	04607E	360	968.3	1007.8		32.1		8.1		0	T							
40375 TABUK	2822N	03638E	776	926.3	1010.4		27.3	1.0	6.2	-2.7	0	0	-7	0	269				
40394 HAIL	2726N	04141E	1013	901.3	1528	Y	28.2	1.8	8.9	-0.7	1	2	-17	1					
40400 WEJH	2612N	03628E	21	1005.9	1008.3		27.8	5.5	24.9		0	T	-5	4	275				
40405 GASSIM	2618N	04346E	650	936.1	1006.0		31.4	2.0	6.3	-4.6	0	0	-8	0					
40416 DHAHHRAN	2616N	05009E	17	1004.5	1006.4		32.0	0.9	14.8	-3.9	0	0	-2	0					
40430 MADINAH	2433N	03942E	636	937.8	1005.6		34.0	1.9	7.7	-0.7	0	T	-5	3					
40437 KING KHALED INTL AIRPORT	2456N	04643E	612	942.1	1008.2		31.7		6.5										
40438 RIYADH	2443N	04643E	612	939.2	1008.2		39.0	8.6	6.5	-3.9	0	0	-11	3					
40439 YENBO	2409N	03804E	6	1005.9	1006.6		30.8		22.0		0	0							
41024 JEDDAH IKING ABDUL AZIZ IAP	2140N	03909E	18	1005.3	1006.1		30.2		22.6										
41030 MAKKAH	2129N	03950E	310	980.5	1014.5		34.3		20.4		0	0							
41036 TAIF	2129N	04033E	1454	856.9	1510	Y	26.8		16.4		7	88			278				
41062 SULAYEL	2028N	04537E	614	941.0	1009.2		35.2		7.7		0	0							
41112 ABHA	1814N	04239E	2093	793.8	1494	Y	20.5		10.2		4	16							
41114 KHAMIS MUSHAIT	1818N	04248E	2054	798.1	1505	Y	22.3		11.6		1	5			296				
41128 NAJRAN	1737N	04426E	1210	878.9	1503	Y	30.3		3.7		0	0			342				
41136 SHARURAH	1728N	04707E	722	928.4	1005.5		32.6		7.3		0	0			327				
41140 GIZAN	1654N	04235E	3	1005.8	1006.1		31.7		29.5		11	0							
KUWAIT																			
40582 KUWAIT INTL AIRPORT	2913N	04759E	55	31	1002.6	1009.1	32.5		10.2		0	0			81				
AFGHANISTAN																			
40911 MAZAR-I-SHARIF	3642N	06712E	378	31	970.8	1014.0	22.2	-2.4	10.2	-1.7	3	21	12	5	98				
40942 CHAKHCHARAN	3432N	06516E	2230	31	776.1	1478	Y	10.5		5.1	5	11			101				
40948 KABUL AIRPORT	3433N	06913E	1791	31	819.6	1473	Y	17.2	0.0	11.1	2	9	-12	2	106				
BAHRAIN																			
41150 BAHRAIN MUHARRAQ	2616N	05037E	2		1007.5	1007.7	30.1		21.9		0	0	3						
QATAR																			
41170 DOHA INTERNATIONAL AIRPORT	2515N	05134E	10		1005.7	1006.6	31.6		17.4		0	0			364				
UNITED ARAB EMIRATES																			
41216 ABU DHABI BATEEN AIRPORT	2426N	05428E	3		1005.5	1006.0	29.8		22.9										
41217 ABU DHABI INTL AIRPORT	2426N	05439E	27	31	1003.3	1006.1	29.7		20.6		0	0							
OMAN																			
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15		1004.4	1006.0	33.3		19.5		0	T							
41268 SUR	2235N	05931E	5		1004.3	1005.8	34.2		23.2		1	3							
41288 MASIRAH	2040N	05854E	19		1004.2	1006.4	30.2		27.1		0	0			4				
41314 THUMRAIT	1740N	05402E	467		958.2		31.2		16.5		0	0							

ASIA-OMAN

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN mb	STATION mb	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
ASIA																	
OMAN																	
41316 SALALAH	1702N	05405E	22	1005.4	1008.1	29.5		29.4		0	0	3					
PAKISTAN																	
41530 PESHAWAR	3401N	07135E	360	962.7	1001.4	29.1	0.9	12.0	-2.7	2	8	-18	2				
41560 PARACHINAR	3352N	07005E	1726	31	824.3	1460	Y	19.7	-0.4	5.1	-4.0	6	31	-43	1		
41598 JHELUM	3256N	07343E	234	975.6	1000.3	30.8	-0.5	14.5	0.5	3	17	-7	3				
41620 ZHOB	3121N	06928E	1407	853.6	1443	Y	24.2	-1.2	6.4	-2.2	0	0	-18	2			
41624 DERA ISMAIL KHAN	3149N	07055E	173	981.4	1000.8	29.9	0.0	11.9	-5.5	1	38	27	5				
41640 LAHORE CITY	3133N	07420E	215	976.6	1000.4	31.9	0.5	13.2	-1.7	2	10	-4	3				
41660 QUETTA AIRPORT	3015N	06653E	1589		1473	Y	20.0	-0.2	9.6	-0.3	1	1	-6	3			
41675 MULTAN	3012N	07126E	123	987.7	1000.5	31.7	-1.0	13.1	-2.6	0	0	-13	2				
41712 DAL BANDIN	2853N	06424E	850		1483	Y	28.0	-0.6	6.3	-1.4	1	5	3	5			
41715 JACOBABAD	2818N	06828E	56	976.4	1001.5	32.8	-1.9	14.6	-0.9	0	0	-4	0				
41739 PANJGUR	2658N	06406E	981	897.4	1475	Y	26.4	-1.7	7.3	-7.4	1	6	3	5			
41756 JIWANI	2504N	06148E	57	998.4	1005.0	29.8	0.1	26.4	-1.8	0	0	0	0	5			
41765 HYDERABAD	2523N	06825E	30	999.1	1002.6	34.2	0.4	18.3	-5.3	0	0	-6	0				
41768 CHHOR	2531N	06947E	6	1001.4	1002.2	32.0	-1.4	17.4	-6.1	0	0	-5	3				
41780 KARACHI AIRPORT	2454N	06708E	22	1001.8	1004.2	30.4	-0.2	21.1	-8.2	0	0	0	5				
INDIA																	
42027 SRINAGAR	3405N	07450E	1587	839.7	1480	Y	16.9	-0.4	12.2	-0.4	8	73	0	4	234	95	
42071 AMRITSAR	3138N	07452E	234	974.9	1000.7	29.0	-0.9	15.0	-1.1	2	8	-6	2	302	97		
42147 MUKTESWAR KUMAON	2928N	07935E	2311			17.9	-0.5	9.1	-0.4								
42165 BIKANER	2800N	07318E	224		1000.8	33.5	-0.6	8.0	-5.1	0	0	-15	2				
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216	976.7	1000.2	33.1	0.3	13.3	-2.9	2	3	-14	2	260	104		
42261 AGRA	2710N	07802E	169		999.5			16.5	-1.8								
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111	992.3	1004.7			26.3	0.5	11	179						
42339 JODHPUR	2618N	07301E	224		1001.8	34.7	0.5	11.3	-4.6	0	0	-10	2				
42391 DARBHANGA	2610N	08554E	49	31	996.6	1003.7	27.6	-2.5	24.4	-4.2	2	25	-34	2			
42410 GAUHATI	2606N	09135E	54	997.8	1003.9			28.8	1.5	17	222	-12	3				
42452 KOTA AERODROME	2509N	07551E	274		999.2	36.9		12.1									
42475 ALLAHABAO/BAMHRAULI	2527N	08144E	98		1000.5	34.4	0.0	13.7	-3.2								
42515 CHERRAPUNJI	2515N	09144E	1313	31	865.4	1468	Y	20.0	0.6	22.4	1.6	20	106				
42587 DALTONGANJ	2403N	08404E	221	31	974.9	999.7	34.3	0.7	18.3		2	38	25	5			
42599 DUMKA	2416N	08715E	149	31		1003.5	28.3	-3.5	22.5	-4.2	1	10					
42647 AHMADABAD	2304N	07238E	55		997.9	1003.9	34.6	0.6	21.2	-1.5	0	0	-6	3	338	100	
42671 SAGAR	2351N	07845E	551	31	941.9	999.7	34.3	0.9	10.9	-2.8	1	1	-7	2			
42731 DWARKA	2222N	06905E	11		1004.4	1005.7	28.9	-0.3	35.5	1.4	0	0	-1	5			
42754 INDORE	2243N	07548E	567		941.3	1001.5	33.0	0.7	13.2	-2.9	2						
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1001.2	1001.9	31.2	0.0	31.2	0.1	8	144	42	4	245	95	
42867 NAGPUR SONEGAON	2106N	07903E	310		966.3	999.7	35.8	0.5	16.2	2.4	1		263	87			
42909 VERaval	2054N	07022E	8		1005.1	1005.9	27.3	-1.3	32.0	-1.2	0	0	-2	4			
42933 AKOLA	2042N	07702E	282		970.9	1001.2	35.5	0.5	17.5	1.7	1						
42971 BHUBANESWAR	2015N	08550E	46		996.7	1001.7	32.0		32.1		7	202					
43041 JAGDALPUR	1905N	08202E	553		941.7	1000.8	32.1	0.8	21.2	1.0	6						
43057 BOMBAY/COLABA	1854N	07249E	11	31	1005.1	1006.3	30.1	-0.1	30.5	0.2	0	0	-11	2		93	
43063 POONA	1832N	07351E	559	31	943.9	1004.3	29.5	-0.4	19.3	0.1	2	27	-19	2		104	
43128 HYDERABAD AIRPORT	1727N	07828E	545		943.1	1002.1	33.9	1.6	20.0	1.8	0	0	-38	1	288	99	
43149 VISHAKHAPATNAM	1743N	08314E	3		1001.9	1002.3	32.2	0.2	31.7	-0.5	5	37	-20	3			
43185 MACHILIPATNAM (FRANCHPET)	1612N	08109E	3		1001.9	1002.1	32.3	0.2	31.5	0.5	2	37	5	4			
43192 GOA/PANJIM	1529N	07349E	60	31	999.9	1006.6	30.4	0.7	30.0	0.7	2	12					
43198 BELGAUM/SAMBRA	1551N	07437E	747		924.4	1005.1	27.3		22.7	3	45						
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1001.5	1003.1	33.4	0.7	28.4	-0.2	1	3	-42	2	286	101	
43295 BANGALORE	1258N	07735E	921		905.9	1481	Y	27.6	0.7	20.2	-0.6	8	89	-30	2	243	100
43314 KOZHIKODE	1115N	07547E	5		1006.7		29.0		31.9		11	181	2				
43333 PORT BLAIR	1140N	09243E	79		997.6	1006.5	26.2	-1.3	31.0	0.5	25	305	-126	2	111	69	
43363 PAMBAN	0916N	07918E	11		1003.7	1004.9	31.1	1.0	33.2	-0.5	2	28	-19	3			
43369 MINICOY	0818N	07309E	2		1007.6	1007.8	29.4	0.8									
43371 TRIVANDRUM	0829N	07657E	64		1000.0	1007.3	28.7	0.6	31.7	1.1	11	124	-108	2	163	84	
SRI LANKA																	
43413 MANNAR	0859N	07955E	3		1005.5	1005.9	29.9	0.4			2	26	-28	3			
43418 TRINCOMALEE	0835N	08115E	7		996.7	1005.3	31.7	1.4			2	40	-11	3			
43466 COLOMBO	0654N	07952E	7		1006.7	1007.5	28.3	0.3	31.9	0.5	19	399	-5	3			

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS IN MM	TOTAL mm	DEPARTURE mm	QUINTILE	
ASIA	0°	0°	m		mb	mb	°C	°C	mb	mb	m	m	m	%	
MONGOLIA															
44212 ULAN-GOM	4948N	09205E	936	907.9	1015.1	12.4	5.1	0	1						
44231 MUREN	4938N	10010E	1288	868.6	1012.6	11.0	5.3	2	54						
44239 BULGAN	4848N	10333E	1210	867.1	1001.4	9.6	5.7	10	55						
44259 CHOIBALSAN	4804N	11430E	756	924.3	1016.0	11.9	6.3	4	24						
44277 ALTAI	4624N	09615E	2147	780.8	1012.6	8.3	6.3	1	11						
44288 ARBAIHER	4616N	10247E	1813	815.8	1011.7	-	0.1								
44292 ULAN-BATOR	4756N	10659E	1338	866.2	1011.3	19.9	6.6	2	8						
44341 MANDALGOVI	4546N	10617E	1398	956.7	1011.0	12.2	4.7								
44354 SAINSHAND	4454N	11007E	936	904.4	1006.3	15.7	5.8	1	8						
44373 DALANZADGAD	4335N	10425E	1470	849.5	1009.1	14.7	4.6	1	3						
HONG KONG															
45005 ROYAL OBSERVATORY	2218N	11410E	62	1002.0	1009.2	25.1	-0.9	27.4	-0.9	16		109	68		
MACAU															
45011 MACAO	2212N	11332E	59	1002.3	1009.1	25.3	-0.8	27.8	-0.9	16	588	262	5		
DPR KOREA															
47014 CHUNGGANG	4147N	12653E	332	970.9	1009.0	15.1	10.6	8	44						
47016 HYESAN	4124N	12810E	714	927.0	1011.3	12.4	8.4	7	24						
47025 KIMCHAEK	4040N	12912E	23	1007.6	1010.4	13.7	11.2	4	28						
47035 SINUIJU	4006N	12423E	7	1003.7	1014.5	16.5	12.4	2	48						
47055 WONSAN	3911N	12726E	36	1006.7	1013.1	16.4	11.8	6	117						
47058 PYONGYANG	3902N	12547E	38	1007.4	1016.9	17.4	12.0	3	28						
47069 HAEJU	3802N	12542E	81	1001.8	1011.3	16.6	13.0	4	31						
REPUBLIC OF KOREA															
47105 KANGNUNG	3745N	12854E	27	1007.4	1010.5	18.2	0.8	12.4	0.6	7		214	85		
47112 INCHON	3729N	12638E	70	1003.3	1011.7	16.1	0.4	12.7	0.5	6	45	-31	2	266	
47159 PUSAN	3506N	12902E	71	1003.1	1011.4	17.7	0.5	14.4	0.7	2	331	164	5	220	
47165 MOKPO	3447N	12623E	56	1006.1	1012.7	17.3	0.5	14.2	-0.1	6	64	-40	2	219	
JAPAN															
47401 WAKKANAI	4525N	14141E	11	1008.0	1009.4	8.2	-0.5	8.4	-0.2	8	63	-14	3		
47407 ASAHIKAWA	4346N	14222E	116	996.1	1010.0	11.1	-0.4	8.6	-0.3	22	60	-14	2	96	
47409 ABASHIRI	4401N	14417E	43	1005.2	1010.4	9.1	-0.3	8.2	-0.2	7	82	14	4	120	
47412 SAPPORO	4303N	14120E	19	1007.8	1010.0	11.4	-0.6	8.6	-0.6	10	50	-9	3		
47420 NEMURO	4320N	14535E	26	1008.3	1011.5	7.0	-0.3	8.2	-0.3	6	85	-20	3		
47426 URAKAWA	4210N	14247E	33	1007.5	1011.7	8.4	-1.0	9.0	-0.5	9	87	-20	2	89	
47582 AKITA	3943N	14006E	10	1010.7	1011.9	14.5	0.4	11.8	0.2	7					
47585 MIYAKO	3939N	14158E	47	1006.1	1011.7	12.6	-0.7	10.2	-0.5	5					
47590 SENDAI	3816N	14054E	43	1007.0	1012.2	14.5	-0.4	11.3	-0.4	7	100	-9	3		
47600 WAJIMA	3723N	13654E	6	1010.0	1011.7	15.8	0.6	12.7	0.1	8					
47604 NIIGATA	3755N	13903E	6	31	1011.2	1012.0	16.1	0.2	12.3	-0.3	9	76	-15	2	87
47605 KANAZAWA	3633N	13639E	28	31	1008.6	1011.8	16.9	0.1	13.0	-0.3	9	118	-28	3	90
47618 MATSUMOTO	3615N	13758E	611		1011.6	14.2	-1.1	10.9	0.4	15	177	80	5		
47624 MAEBASHI	3624N	13904E	113	31	998.6	1011.9	16.6	-0.5	13.1	0.5	13	213		88	
47636 NAGOYA	3510N	13658E	56	31	1005.2	1011.7	18.0	0.0	14.1	0.2	14	190	28	4	86
47648 CHOSHI	3543N	14051E	28	31	1008.7	1011.9	16.8	-0.2	15.8	0.4	13	215	51	4	84
47655 OMAEZAKI	3436N	13813E	47	31	1006.2	1011.7	17.6	-0.3	15.4	-0.7	13	164	-76	2	81
47662 TOKYO	3541N	13946E	36	1007.6	1011.8	17.7	-0.7	14.0	0.0	17	210	62	5		
47678 HACHIJOGIMA	3306N	13947E	80		1002.1	1011.5	18.9	-0.3	18.0	0.6	17	456	176	5	
47744 YONAGO	3526N	13321E	8	1010.7	1011.6	17.0	0.1	14.3	0.8	13	138	12	4		
47765 HIROSHIMA	3422N	13226E	30	31	1005.5	1011.8	18.5	0.9	15.0	0.9	11	172	11	3	89
47772 OSAKA	3441N	13531E	50	31	1006.0	1011.8	18.8	-0.1	14.8	1.0	14	173	32	4	86
47778 SHIONOMISAKI	3327N	13546E	75		1002.8	1011.5	18.3	-0.4	16.5	0.4	15	291	4	3	
47800 IZUHARA	3412N	12918E	22	31	1009.2	1011.8	17.7	0.4	15.1	1.0	12	93			
47807 FUKUOKA	3335N	13023E	14	1010.2	1011.9	18.4	0.0	15.8	1.2	13	158	15	4	94	
47815 OITA	3314N	13137E	13	31	1010.1	1011.6	17.6	-0.3	15.3	0.1	14	359			
47817 NAGASAKI	3244N	12952E	35	31	1007.5	1011.7	18.5	-0.3	17.1	1.5	14	237	33	4	86
47827 KAGOSHIMA	3134N	13033E	5	1010.8	1011.4	19.8	0.1	17.7	0.6	13	235	-40	2		
47830 MIYAZAKI	3155N	13125E	7	31	1010.7	1011.5	19.5	0.1	17.6	0.2	12	333	43	4	85
47893 KOCHI	3333N	13332E	18	31	1009.5	1011.6	18.7	-0.4	16.3	0.7	13	303	26	4	88
47898 SHIMIZU/ASHIZURI	3243N	13301E	33	1007.4	1011.3	19.3	-0.5	17.4	0.6	14	277	-1	4		
47909 NAZE	2823N	12930E	7	1010.9	1011.8	22.8	0.2	21.9	0.9	16	277	-88	2		

ASIA-JAPAN

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	% OF AV.
ASIA	0°	0°	0'	mbar	mbar	°C	°C	mbar	mbar	mm	mm	hr		
JAPAN														
47918 ISHIGAKIJIMA	2420N	12410E	7	1010.2	1011.0	25.1	-0.6	27.6	0.2	14				
47927 MIYAKOJIMA	2447N	12517E	41	1006.6	1011.3	24.4	-0.4	27.1	1.1	15	371	159.5		85
47936 NAHA	2612N	12741E	53	1005.5	1011.6	23.7	0.0	24.0	0.0	13	299	50.3		
47945 MINAMIDAITOJIMA	2550N	13114E	15	1010.6	1012.3	23.9	-0.1	25.8	1.0	12	186	-4.3		
47971 CHICHIJIMA	2705N	14211E	8	1013.5	1014.4	23.3	-0.9	24.5	12	193	80.5			
47991 MINAMITORISHIMA	2418N	15358E	9	1015.5	1016.5	25.5		26.2	2	3				
BURMA														
48062 AKYAB	2008N	09253E	5	1006.4	1007.0	29.2	0.3	30.2	0.2	7				
48097 RANGOON	1646N	09610E	15	1006.0	1008.0	29.4	0.2	30.1	-0.3		436	64.4		
48112 VICTORIA POINT	0958N	09835E	47	1006.1	1009.0	26.2	-1.6	30.4	0.6	17	734	314.5		
THAILAND														
48327 CHIANG MAI	1847N	09859E	314	970.7	1005.0	29.4	0.8	28.4	-0.3	15	236	66.4	237	100
48354 UDON THANI	1723N	10248E	182	985.3	1005.6	29.3	-0.1	29.7	-0.3	12	198	-19.3		
48378 PHITSANULOK	1647N	10016E	45	1000.5	1005.5	30.7	0.5	29.2	-1.7	10	279	81.5	236	
48400 NAKHON SAWAN	1548N	10010E	35	1001.4	1005.4	31.4	0.8	30.6	0.2	9			221	
48431 NAKHON RATCHASIMA	1458N	10205E	188	984.8	1005.8	29.8	0.2	30.0	-0.9	12	174	23.4		
48455 BANGKOK	1344N	10034E	20	1004.2	1006.4	30.1	0.3	29.8	-3.3	12	178	-7.3	173	
48462 ARANYAPRATHET	1342N	10235E	49	1000.8	1006.5	29.9	0.3	32.5	-0.3	15	269	93.5		
48480 CHANTHABURI	1236N	10207E	4	1004.7	1008.9	28.8	0.6	32.1	-0.2	15	311	-29.3	150	
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5	1006.1	1006.8	28.6	-0.3	30.1	-1.1	8			202	
48517 CHUMPHON	1029N	09911E	5	1006.9	1007.6	27.1	-1.2	30.4	-0.8	19	273	91.5	173	
48568 SONGKHLA	0712N	10036E	5	1006.6	1007.3	29.2	0.5	25.9	-4.4	10	206	84.5	224	
LAO PDR														
48930 LUANG-PRABANG	1953N	10208E	305	975.9	1009.0	28.2	0.2	27.2	-2.9	10	150	21.4		
48938 SAYABOURY	1914N	10144E	326	983.6	1002.7	27.7	0.1	28.6	-0.2	15	277	149		
48940 VIENTIANE	1757N	10234E	171	987.7	1006.9	28.8	0.7	29.0	0.5	13	201	-40.3		
48955 PAKSE	1507N	10547E	102	995.1	1005.7	28.8		23.8		16	300	5		
CHINA														
51076 ALTAY	4744N	08805E	737	930.9	1015.1	16.1	1.2	6.7	1	7	-9	346	105	
51431 YINING	4357N	08120E	663	940.8	1016.9	16.6	0.0	10.9	2	19	-10	320	80	
51463 URUMQI	4347N	08737E	919	912.0	1015.3	17.5	0.3	6.6	0	T	-29	1300	100	
51709 KASHI	3928N	07559E	1291	868.8	1008.6	19.3	-0.6	8.7	1	12	-1	4180	70	
51777 RUOQIANG	3902N	08810E	889	908.7	1006.6	22.0	0.7	7.1	0	T	-1	3251	90	
51828 HOTAN	3708N	07956E	1375	858.6	1006.0	20.1	-0.3	8.0	0	T	-7	3184	80	
52203 HAMI	4249N	09331E	739	925.2	1007.4	21.7	1.5	6.8	1	2	-1	4368	110	
52533 JIUQUAN	3946N	09829E	1478	850.0	1009.5	17.0	1.4	6.1	0	T	-9	1331	115	
52836 DULAN	3618N	09806E	3192	691.2		9.0	0.1	4.2	6	51	0	4256	90	
52889 LANZHOU	3603N	10353E	1518	846.0		17.7	1.1	8.1	3	-33	1	255	100	
53614 YINCHUAN	3829N	10613E	1112	887.7	1010.5	17.7	0.8	9.0	2	2	-13	1317	110	
53772 TAIYUAN	3747N	11233E	779	923.0	1010.9	17.7	0.0	10.6	5	15	-19	2265	95	
54292 YANJI	4253N	12928E	178	988.1	1009.3	13.6	-0.7	7.8	5	30	-14	2266	115	
54342 SHENYANG	4146N	12326E	43	1004.2	1009.3	19.1	1.9	9.5	5	46	-7	3288	105	
54511 BEIJING	3956N	11617E	55	1003.3	1009.6	21.1	1.2	11.8	5	33	-3	3289	100	
54857 QINGDAO	3604N	12020E	77	1003.0	1012.1	16.9	0.5	13.2	5	50	2	3277	115	
56294 CHENGDU	3040N	10401E	508	953.3	1011.1	20.3	-0.7	18.4	10	54	-43	2125	100	
56571 XICHANG	2754N	10216E	1599	836.8		19.9	-1.3	13.4	9	94	5	4186	85	
56739 TENGCHONG	2507N	09829E	1649	832.5		19.2	-1.1	16.0	10	46	-87	1196	115	
56985 MENGZI	2323N	10323E	1302	866.5	1006.5	21.5	-1.3	18.3	13	199	130	6173	85	
57036 XI'AN	3418N	10856E	398	965.2	1011.1	19.4	0.3	15.8	5	21	-47	0124	60	
57083 ZHENGZHOU	3443N	11339E	111	998.6	1011.6	20.7	-0.5	15.4	5	39	-4	4250	60	
57745 ZHIJIANG	2727N	10941E	273	979.3	1010.8	21.0	-0.2	19.5	12	102	-104	132115		
57993 GANZHOU	2551N	11457E	125	995.9	1010.4	22.7	1.3	22.8	18	316	114	595	70	
58367 SHANGHAI	3110N	12126E	7	1011.8	1012.6	18.9	0.1	16.9	10	67	-52	1139	85	
58606 NANCHANG	2836N	11555E	50	1005.5	1010.8	21.2	-1.1	20.5	17	280	34	4126	95	
59287 GUANGZHOU	2308N	11319E	8	1008.4	1009.3	25.1	-0.6	27.0	17	672	421	686	60	
59316 SHANTOU	2324N	11641E	3	1009.3	1010.2	23.8	-0.5	25.9	14	377	196	6113	80	
59431 NANNING	2249N	10821E	73	999.9	1008.2	25.1	-1.0	25.0	13	146	-23	2118	70	
59758 HAIKOU	2002N	11021E	15	1005.5	1007.2	27.2	-0.1	30.2	12	244	72	5237	100	

AFRICA-MADEIRA

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	% OF AV.
AFRICA	0°	0°	a											
MADEIRA														
08522 FUNCHAL	3238N	01654W	56	31	1010.5	1017.1	18.5	-0.1	16.1	2.4	1	12		110
SPAIN (CANARY ISLANDS)														
60020 SANTA CRUZ DE TENERIFE	2828N	01615W	46		1013.7	1017.9	20.6	0.1	16.1	2.4	1	2	-24	276 94
WESTERN SAHARA														
60096 VILLA CISNEROS	2342N	01552W	10		1014.4	1015.7	19.3	-0.6	19.1	3.7	0	0	05	352 165
MOROCCO														
60150 MEKNES	3353N	00532W	549		952.1	1014.7	18.5	1.3	14.0	1.3	4	20	-232	303 101
60155 CASABLANCA	3334N	00740W	62		1008.9	1015.6	18.5	0.6	17.9	2.4	1	2	-171	331 113
60230 MARRAKECH	3137N	00802W	466		960.8	1013.8	21.5	1.2	15.9	3.8	0	0	-220	322 110
60250 AGADIR	3023N	00934W	23		1012.7	1015.4	18.6	0.1	16.7	1.5	0	T	-33	305 100
60265 OUARZAZATE	3056N	00654W	1140		887.0	1506 Y	22.4	0.9	7.7	-0.5	0	0	-80	368 114
ALGERIA														
60355 SKIKDA	3656N	00657E	7		1013.5	1013.7	18.0	0.4	16.5	1.6		2	-192	243 81
60390 DAR-EL-BEIDA	3643N	00315E	25		1012.9	1015.9	18.4	0.4	15.4	0.8	2	7	-282	289 94
60402 BEJAIA	3643N	00504E	2		1016.4	1016.7	17.7	0.5	16.5	1.0	0	T	-331	267 60
60419 CONSTANTINE	3617N	00637E	694		937.3	1016.1	16.6	0.4	12.6	0.7	3		299	104
60425 CHLEF	3613N	00120E	143		999.1	1015.7	20.8	-0.8	12.7		2	3		315
60430 MILIANA	3618N	00214E	715		934.2	1015.6	18.2	0.6	11.4		2	9	-431	305
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		911.8		17.2		9.6		2	12		331
60445 SETIF	3611N	00525E	1081		900.7	1528 Y	16.6		9.9		3	52		330 75
60467 M'SILA	3540N	00430E	441		962.3	1002.2	22.0		11.2		2	14		306 70
60490 ORAN/ES SENIA	3538N	00036W	90		1005.0	1015.7	18.6	0.0	15.9	1.7	3	11	-163	276 93
60515 BOU-SAADA	3520N	00412E	461		961.9	1014.4	22.1		10.8		3	23		286
60518 BENI-SAF	3518N	00121W	68		1006.1	1014.3	18.4		17.0		3	12		263 65
60525 BISKRA	3448N	00544E	87		1003.6	1013.7	25.8	1.1	9.8	-1.1	1	11	34	317 99
60531 TLEMCEN (ZENATA)	3501N	00128W	247		986.4	1015.5	18.0		14.0		3	16		274 65
60535 DJELFA	3441N	00315E	1144		861.3	1512 Y	17.4		8.6		4	50	295	314 70
60540 EL KHEITER	3409N	00004E	1000		901.8	1502 Y	18.2		8.9		2	7		302 70
60549 MECHERIA	3456N	00026W	1149		888.0	1522 Y	18.7		7.4		2	10		294 70
60550 EL BAYADH	3340N	00100E	1341		866.4	1509 Y	17.6		7.3		1	1		305 5
60555 TOUGGOURT	3307N	00608E	85		1003.3	1013.2	25.1		11.8		0	0		339 80
60559 EL OUED	3330N	00607E	63		1006.5	1013.7	24.8		12.1		0	0		331 80
60560 AIN SEFRA	3246N	00036W	1058		894.0	1490 Y	20.5		7.6		0	0		340 80
60566 GHARDAIA	3223N	00349E	450		960.7	1013.1	25.1		9.4		0	0		338 80
60571 BECHAR	3137N	00214W	773				24.7	0.0	5.7	-3.1	0	0	-40	364 105
60581 HASSI-MESSAOUD	3140N	00609E	142		996.3	1012.6	27.4		8.6		0	0		
60590 EL GOLEA	3034N	00252E	397		967.5	1012.7	26.2	0.6	9.0	-1.5	0	0	-10	
60611 IN AMENAS	2803N	00938E	562		949.8	1007.5	27.9	0.8	6.0	-1.0	0	0	-10	314 94
60620 ADRAR	2753N	00017W	263		978.8	1010.4	28.9	0.5	6.0	-1.2	0	T	5342	93
60630 IN SALAH	2712N	00228E	293		980.8	1010.7	29.9	-0.3	7.7	-0.1	0	T	5352	101
60640 ILLIZI	2630N	00825E	558		951.9	1010.7	30.2		6.5		0	0		
60680 TAMANRASSET	2247N	00531E	1378		865.7		26.9	1.2	4.8	-1.6	0	T	-53	308 99
NIGER														
61024 AGADEZ	1658N	00759E	502		953.0	1007.2	33.4	0.2	6.9	-2.7	0	0	-80	356 120
61036 TILLABERY	1412N	00127E	210		984.4	1007.4	35.0	0.8	17.3	-2.5	3	9	-112	316 115
61043 TAHOUA	1454N	00515E	391		964.9	1007.3	33.3	-0.5	14.4	-2.0	2	7	-122	320 120
61045 GOURE	1359N	01018E	460		959.4	1007.2	32.7		12.5		1	10		294
61049 N'GUIGMI	1415N	01307E	286		976.0	1007.5	31.8	-0.7	15.0	-1.9	2	10	35	272 90
61052 NIAMEY-AERO	1329N	00210E	227		982.7	1007.4	34.7	1.2	18.0	-2.3	1	6	-281	330 125
61075 BIRNI-N'KONNI	1348N	00515E	273		977.5	1007.4	33.0	0.2	18.5	-1.3	3	10	-232	295 100
61080 MARADI	1328N	00705E	373		966.3	1006.9			1.7	-17.8		20	-34	316 110
61090 ZINDER	1347N	00859E	453		958.4	1007.6	32.4	-0.5	12.2	-2.7	1	5	-213	302 105
61091 MAGARIA	1259N	00856E	403		964.7	1008.8	31.1		15.5		1	4		1295
61096 MAINE-SOROA	1314N	01159E	337		970.7	1007.5	32.3	-0.3	1.4	-16.3	12	14	14	283 95
61099 GAYA	1153N	00327E	203		985.3	1007.6	32.7	1.1	22.3	-2.8	4	18	-540	297 110
MALI														
61202 TESSALIT	2012N	00059E	491		964.6	1007.5	34.4	1.2	5.3	-3.2	0	0	-63	319 104
61214 KIDAL	1826N	00121E	459				34.1	0.1	7.1	-3.4	1	3	-24	329 10
61223 TOMBOUCTOU	1643N	00300W	264		978.9	1007.7	34.7	0.7	9.4	-1.9	0	0	-40	296 95

AFRICA-MALI

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE				
AFRICA																		
MALI																		
61226 GAO	1616N	00003W	260	978.9	1007.2	36.1	1.0	10.6	-2.8	0	0	-8	2	284	99			
61230 NIRO DU SAHEL	1514N	00921W	237	981.4	1007.3	36.1	1.9	12.9	-0.8									
61257 KAYES	1426N	01126W	47	1003.8	1009.0	35.8	0.8	15.9	0.0	1	2	-11	2	296	117			
61265 MOPTI	1431N	00406W	272	978.3	1008.0	27.4	-5.4	13.8	-2.7	2	5	-24	1	323	138			
61270 KITA	1304N	00928W	334	972.0	1008.5	32.4	0.4	2.9	-17.1		24	-22	2	300	115			
61272 SEGOU	1324N	00609W	289	976.6	1008.0	33.2	1.2	10.8	-9.7	2	8	-25	1	276	102			
61277 SAN	1320N	00450W	284	974.4	1008.2	33.9	1.3	18.8	-2.1	3	5	-42	0	282				
61285 KENIEBA	1251N	01114W	132			33.2	0.8	22.5	0.5	5	20	-35	1	294	110			
61291 BAMAKO/SENOU	1232N	00757W	381	967.0	1008.5	32.3	1.2	18.7	-3.0	3	13	-43	1	264				
61293 KOUTIALA	1223N	00528W	367	968.0	1008.1													
61296 BOUGOUNI	1125N	00730W	351	970.6	1008.8	30.5	1.0	23.1	-1.7	8	7	-96	0	267	105			
61297 SIKASSO	1121N	00541W	375	963.2	1008.9	30.0	0.5	22.8	-1.8	9	44	-63	1	282	115			
MAURITANIA																		
61401 BIR MOGHREIN	2514N	01137W	360	972.2	1012.6	25.3	1.2	14.1	-1.8	0	0	-T	0	345				
61404 ZOUERATE	2245N	01229W	343	974.4	1012.7	27.2		16.9				T			354			
61415 NOUADHIBOU	2056N	01702W	3	1014.3	1014.8	20.3	-0.5	15.7	-0.8	0	T	-7	5	304				
61421 ATAR	2031N	01304W	224	986.6	1011.4	32.2	1.8	10.9	1.7	0	0	-1	0	323				
61437 AKJOUJT	1945N	01422W	120	998.9	1012.3	33.5	1.8	16.0	3.9	0	0	-1	0					
61442 NOUAKCHOTT	1806N	01557W	3	1011.1	1011.5	25.9	0.1	16.1	-0.5	0	0	0	0	306				
61461 BOUTILIMIT	1732N	01441W	75	1002.6	1011.0	33.1	1.4	10.2	-0.2	0	T	-2	4	252				
61489 ROSSO	1630N	01549W	6	1011.1	1011.8	29.9	0.8	15.0	0.6	0	0	-1	0					
61497 NEMA	1636N	00716W	269			36.5	0.9	16.6	7.5	0	0	-7	0	203				
61498 KIFFA	1638N	01124W	115	995.4	1008.0	36.2	1.3	9.2	-2.3	0	0	-1	0	228				
61499 AIDOUN EL ATROUSS	1642N	00936W	223	983.4	1007.8	35.6	1.1	6.8	-2.6	0	T	-2	2	254				
SENEGAL																		
61600 SAINT-LOUIS	1603N	01627W	4	1011.0	1011.5	24.3	0.9	20.4	1.5	0	0	-1	0	269				
61612 PODOR	1639N	01458W	7	1010.0	1010.8	29.4	-2.5	10.5	-2.3	0	0	-1	0	253				
61627 LINGUERE	1523N	01507W	21	1007.2	1009.5	30.4	-1.0	10.1	-4.7	0	T	-2	4	292				
61630 MATAM	1539N	01315W	17	981.4	1007.3	36.1	2.3	12.9	-0.7	0	T	-3	3	274				
61641 DAKAR/YOFF	1444N	01730W	24	1008.8	1012.1	22.8	-0.2	22.2	0.1	0	0	-1	0	280				
61666 DIOURBEL	1439N	01614W	9	1008.8	1009.8	27.8	-1.7	16.7	-1.1	0	0	-5	4	289				
61679 KAOLACK	1408N	01604W	7	1011.0	1011.8	29.9	0.0	19.6	0.4	0	0	-5	0	307				
61687 TAMBACOUNDA	1346N	01341W	50	1002.8	1008.4	32.3	-0.2	11.5	-4.6	0	T	-18	1	304				
61695 ZIGUINCHOR	1233N	01616W	23	1007.0	1009.9	26.3	-1.5	20.3	-2.4	0	0	-5	0	296				
61698 KOLDA	1253N	01458W	10			30.7	-0.5	15.4	-6.5	0	0	-13	0	273				
61699 KEDOUGOU	1234N	01213W	167	998.8	1006.6	33.0	1.9	10.4	-11.2	0	0	-44	0	270				
SIERRA LEONE																		
61856 LUNGI	0837N	01312W	27	31	1006.1	1009.0	27.3	0.1	28.6	-0.8	13	184	-23	3	119			
61878 NJALA	0806N	01206W	56	31	1001.9	1008.1	27.5		28.4		13	237			104			
61886 KABALA	0935N	01133W	464	31	958.1	1009.3	26.8	0.6	26.1	0.0	11	263	54	4	176			
61891 DARU	0759N	01051W	186	31	989.2	1010.4	27.6	0.4	28.4	-0.3	14	163			136			
UNITED KINGDOM (OCEAN IS.)																		
61901 ST. HELENA IS.	1556S	00540W	436	967.4	1017.8	19.8	2.1	18.9		8	40	-34	1	170				
FRANCE (OCEAN ISLANDS)																		
61968 ILES GLORIEUSES	1135S	04717E	4	1014.6	1015.1	27.1	0.4	26.0	0.4	11	62	-28	2	284				
61970 ILE JUAN DE NOVA	1703S	04242E	10	1014.8	1016.0	26.9	0.3	25.7	-0.4	5	52	44	6	240				
61972 ILE EUROPA	2219S	04020E	13	1015.8	1017.3	23.9	0.5	23.0	1.3	7	30	-1	4	275	100			
61976 SERGE-FROLLOW (ILE TROMELIN)	1553S	05431E	13	1013.7	1015.1	26.1	0.1	25.2	0.3	14	66	-15	3	246				
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25	1015.4	1018.3	23.7	0.5	21.7	0.8	8	73	-21	3	224	100			
MAURITIUS																		
61974 AGALEGA	1026S	05645E	3	1012.3	1012.6	26.6	-0.3	27.2	-1.7	12	137	7	4					
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1015.2	1015.5	25.4	-0.6	25.6	-1.2	13	40	-23	2					
61988 RODRIGUES	1941S	06325E	59	1011.7	1018.0	24.1	-0.2	22.6	-0.7	10	50	-63	2	255	105			
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57	1012.0	1017.9	23.3	0.2	23.6	0.1	16	74	-89	1	199	105			
LIBYAN ARAB JAMAHIRIYA																		
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81	1005.9	1015.1	22.3	0.4	14.3	1.0	0	T	-5	3					
62053 BENINA	3205N	02016E	132	1000.6	1015.8	22.9	0.3	14.3	0.7	0	1	-3	2	321	100			
62124 SEBHA	2701N	01426E	432	964.4	1012.7	28.7	0.8	8.5	-1.6	0	0	-1	0	319	105			

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
AFRICA															
LIBYAN ARAB JAMAHIRIYA	0°	0°	#		mb	mb	°C	°C	mb	mb	mm	mm	#	hr	
62271 KUFRA	2413N	02318E	435	967.0	1012.3	28.7	0.4	6.1	-0.6	0	0	0	338	100	
SUDAN															
62640 ABU HAMED	1932N	03319E	312	971.4	1005.5	34.7	1.7	1.1	-7.6	35	35	6			
62641 PORT SUDAN	1935N	03713E	2	1007.4	1007.7	30.4	1.3	23.2	-1.7	1	11	9	5		
62650 DONGOLA	1910N	03029E	226	981.6	1006.8	32.4	0.3	8.7	-1.3						
62680 ATBARA	1742N	03358E	345	960.2	1005.1	34.0	0.2	13.1	2.1	2	15	12	5		
62721 KHARTOUM	1536N	03233E	380	961.7	1005.1	34.4	0.5	4.1	-6.6	7	3	5			
62730 KASSALA	1528N	03624E	500	952.1	1006.1	32.0	-0.8	17.1	1.7	5	20	11	5		
62751 WAD MEDANI	1424N	03329E	408	960.8	1005.4	31.2	-1.2	16.0	2.9	4					
62752 GEDAREF	1402N	03524E	599	940.1	1005.3	30.0	-2.0	17.6	1.7	5	14	-9	3		
62760 EL FASHER	1337N	02520E	730	954.1	1006.8	29.8		14.3		2					
62771 EL OBEID	1310N	03014E	574	943.9	1006.7	31.0	0.1	14.9	3.8	3	11	1	4		
62772 KOSTI	1310N	03240E	381	964.3	1006.3	30.9	-1.1	18.8	2.1	11					
62795 ABU NA'AMA	1244N	03408E	445	957.0	1005.7	30.4	-1.0	20.9							
62805 DAMAZINE	1147N	03423E	470	954.1	1006.8	29.9	-1.0	20.6	1.5						
62941 JUBA	0452N	03136E	457	957.3	1008.3	26.9		25.1		12	114				
ETHIOPIA															
63021 ASMARA	1517N	03855E	2325	31	772.7		16.1	-2.8	9.6	0.3	1	8	-30	1	113
63331 GONDAR	1232N	03726E	1966	30	804.3		20.1		12.9		7	57			
63402 JIMMA	0740N	03650E	1577	31	833.0		19.4	-0.6	15.9	-0.5	13	85			131
63450 ADDIS ABABA	0859N	03848E	2324	31	767.8		18.4	-0.2	7.8		0	0			122
63471 DIRE DAWA	0936N	04152E	1146		884.9		27.0	-0.8	14.4	-1.9	1	4	-45	1	120
DJIBOUTI															
63125 DJIBOUTI	1133N	04309E	19	1005.0	1007.1	30.6	-0.1	30.8	-0.8	0	0	-12	0	324	100
KENYA															
63619 MOYALE	0332N	03903E	1097	31		21.4		20.6		6	157	27	4		
63686 ELDORET	0032N	03517E	2133		790.7	1498 Y	16.5		13.9		11	152	4	254	105
63723 GARISSA	0028S	03938E	147		996.2	1012.9	28.1	-0.7	22.9	-0.6	0	0	-22	1	301
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		840.0	1517 Y	18.9	-0.3	15.7		12	162	35	4	195
63799 MALINDI	0314S	04006E	23		1010.1	1012.7	25.8		25.5		18	184	-116	2	122
UNITED REPUBLIC OF TANZANIA															
63756 MWANZA	0228S	03255E	1140		888.1	1517 Y			19.0		10	111	34	4	
63862 DODOMA	0610S	03546E	1120		892.2	1535 Y	21.1		17.7		1	10	6	5	
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1009.3	1015.2	24.9	-0.6	26.6	1.8	21	197	32	4	
63962 SONGEA	1041S	03535E	1067		900.0	1556 Y	19.5	0.0	17.8	1.1	5	19	-6	4	
63971 MTWARA	1016S	04011E	113		1000.2	1014.9	24.9		26.0		12	171		2	
ZAIRE															
64210 KINSHASA/N'DJILI	0423S	01526E	312		976.0	1011.0	5.0	-19.9	26.3		21	219	69	4	
CONGO															
64401 LOUBOMO	0412S	01242E	330		975.5	1012.5	24.5	-1.0	26.7		16	279	195	6	
64402 MOUYONDZI	0359S	01355E	512		953.5	1010.0	23.1	-1.2	25.2		14	244	142	5	
64405 SIBITI	0341S	01321E	531		952.0	1011.0	23.0	-0.8	25.3		20	266	121	5	
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.1	1010.2	25.5	-0.2	26.3		12	1045	919	6	157
64453 DJAMBALA	0232S	01446E	790		923.7	1008.9	22.3	-1.1	24.0		13	217	13	4	145
64456 MAKOUA	0001S	01535E	379		969.6	1010.8	24.4	-1.5	26.2		10	101	-73	1	134
GABON															
64500 LIBREVILLE	0027N	00925E	15		1009.9	1011.3	26.4	-0.3	29.8	0.1	18	375	107	5	134
64501 PORT-GENTIL	0042S	00845E	4		1011.1	1011.6	25.4	-1.1	29.0	-0.7	19	506	327	6	103
64503 MAYUMBA	0325S	01039E	34		1001.3	1011.5	25.8	0.0	23.0	-5.9	8	910	815	6	
64504 COCOBEACH	0100N	00936E	13		1010.4	1011.9	26.2	-0.2	30.0	-0.4	16	398	35	4	
64510 BITAM	0205N	01129E	599		944.8	1011.1	22.9	-1.7	25.0	-0.3	21	216	-12	3	105
64552 MITZIC	0047N	01132E	583		996.4	1010.1	23.2	-0.9	25.2	-0.3	14	532	336	6	101
CENTRAL AFRICAN REPUBLIC															
64600 BERBERATI	0415N	01548E	583		946.0	1010.4	23.7	-1.2	24.8	0.3	15	160	24	4	179
64601 BOUAR	0558N	01538E	1020		900.1	1513 Y	22.1	-1.4	21.7	-0.5	14	243	104	6	
64610 BOSSANGOA	0629N	01726E	465		958.4	1009.8	25.8	-1.0	26.2	0.8	15	191	42	4	176

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN DAYS 1 MM	TOTAL mm	DEPARTURE %	QUINTILE %	TOTAL hr	% OF AV.		
AFRICA																	
CENTRAL AFRICAN REPUBLIC																	
64650 BANGUI	0424N	01831E	366	959.5	1010.3	26.1	-0.2	25.6	-1.0	15	103	-65	1	169	85		
64654 N'DELE	0804N	02039E	511	953.4	1009.6	26.0	-1.0	25.4	1.5	16	144	10	4	213			
64659 OBO	0524N	02630E	651	938.8	1009.5	24.1	-1.4	24.7	0.0	18	299	133	6				
64660 BAMBARI	0551N	02039E	475	957.1	1009.2	25.2	-0.7	26.0	0.3	16	217	55	5	208			
64661 YALINGA	0630N	02316E	602	943.2	1008.7	24.7	-0.6	25.3	0.1	13	217	59	5				
CHAD																	
64706 MOUNDOU	0837N	01604E	422	962.1	1008.6	28.1	-0.9	23.2	-1.4	8							
64750 SARH	0909N	01823E	365	968.6	1008.8	28.7	-0.7	33.9	8.8								
REPUBLIC OF CAMEROON																	
64860 GAROURA	0920N	01323E	244	982.7	1009.0	29.4	-0.9	24.7		7	158	42	3	218	85		
64870 NGAOUNDERE	0721N	01334E	1104	890.3	1503	Y 21.2	-1.6	20.5		16	212	7	3	170	93		
64890 MAMFE	0543N	00917E	126	996.5		25.5		28.7		19	246	1	147	80			
64900 YOKO	0533N	01222E	1031	898.9	1488	Y 21.9	-0.5	21.6		18	152	-22	3	176	85		
64910 DOUALA OBS.	0400N	00944E	9	1010.1	1011.1	27.2	0.0	29.1		15	187	-101	1	168	127		
64931 BATOURI	0428N	01422E	656		1011.6	26.1	1.0	28.4		10	134	-39	2				
64950 YAOUNDE	0350N	01131E	760	927.6	1010.9	22.5	-1.2	23.2		20	308	91	5	137	92		
64971 KRIBI	0257N	00954E	16	1009.2	1011.0	26.8	0.4	30.3		18	189	-173	1				
BENIN																	
65306 KANDI	1108N	00256E	292	976.8	1009.1	30.2	0.5	23.9	-2.1	8	139	36	4	298			
65319 NATITINGOU	1019N	00123E	461	957.4	1010.1	28.3	0.8	24.2	-1.6	6	72	-52	1	274			
65330 PARAKOU	0921N	00237E	393		1003.0	27.5	0.5	8.1	-18.1	7	81	-43	2	252			
65335 SAVE	0759N	00226E	200	988.4	1010.9	26.9	-0.2	26.0	-1.8	6	29	-103	0	232			
65338 BOHICON	0710N	00204E	167	992.3	1011.1	26.7	-0.6	29.2	0.6	8	152	2	3	206			
65344 COTONOU	0621N	00223E	9	1010.4	1011.4	27.9	0.6	30.9	-0.1	6	231	32	4	192			
TOGO																	
65351 DAPAON	1052N	00015E	330	973.3	1010.0	30.4		23.7		6	56			295			
65352 MANGO	1022N	00028E	146	992.9	1009.1	30.9	1.6	26.7	-1.1	6	44			277	110		
65361 SOKODE	0859N	00109E	387	967.3	1010.9	26.9	0.3	25.8	-0.7	5	64	-85	1	246	110		
65376 ATAKPAME	0735N	00107E	402	965.9	1011.1	26.0	0.0	25.6	-0.4	6	78	-57	1	228	105		
65380 TABLIGBO	0635N	00130E	44	1006.3	1011.5	26.8	-0.6	29.4	-0.2	9	193	57	5	195			
65387 LOOME	0610N	00115E	25	1008.8	1011.6	27.6	0.6	32.4	2.5	8	243	95	5	217	100		
BURKINA FASO																	
65501 DORI	1402N	00002W	277	977.4	1007.6	34.5	0.8	16.3	-3.5	0	T	-26	1	337			
65502 OUAHIGOUYA	1334N	00225W	336	980.9	1007.4	33.6	0.7	16.2	-4.1	3	34	3	4	230			
65503 OUAGADOUGOU	1221N	00131W	306	974.9	1008.3	32.8	1.6	20.4	-3.0	5	36	-52	1	307	115		
65507 FADA N'GOURMA	1202N	00022E	309	974.2	1008.1	32.6	1.8	20.2	-4.1	2	10	-75	0	300			
65510 BOBIO-DIOULASSO	1110N	00419W	460	958.8	1009.2	29.7	1.1	21.5	-2.4	8	48	-63	1	274			
65516 BOROMO	1145N	00256W	271	978.9	1008.7	31.9	1.4	22.9	-1.2	7	60	-30	2	289			
65522 GAOUA	1020N	00311W	335	972.7	1011.8	29.4	0.8	24.8	-1.3	9	94	-25	2	289			
COTE D'IVOIRE																	
65578 ABIDJAN	0515N	00356W	8	1010.1	1011.0	28.0	0.8	31.1	0.5	11	192	-131	2	242			
LIBERIA																	
65660 ROBERTS FIELD	0615N	01021W	18	31	1010.7	1011.7	27.2	0.8	29.7	0.1	13	74	0	188			
COMOROS (FRANCE)																	
67005 DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7	1013.2	1014.0	26.4	-0.1	27.8	0.1	11	63	0	4	264			
MADAGASCAR																	
67009 DIEGO-SUAREZ	1221S	04918E	105	1002.4	1014.4	25.2	-0.9	23.4	0.1	5	25	14	5	275	101		
67027 MAJUNGA	1540S	04621E	18	1012.6	1014.7	26.5	0.2	23.3	-0.1	2	2	-5	3	263	81		
67083 ANTANANARIVO/IVATO	1848S	04729E	1276	878.4	1554	Y 16.5	-0.7	15.6	0.4	6	159	141	6	206	90		
67095 TAMATAVE	1807S	04924E	6	1017.1	1017.8	23.3	0.1	24.3	-0.1	21	297	56	4	177	87		
67143 MANANJARY	1212S	04822E	6	1018.0	1018.7	22.8	0.5	25.2	1.4	17	318	120	5	163	78		
67161 TULEAR	2323S	04344E	8	1015.9	1016.8	23.1	0.4	24.0	4.2	4	44	23	5	282	94		
MOZAMBIQUE																	
67215 PEMBA	1258S	04030E	50	31	1004.4	1015.6	24.6	-0.6	24.8	0.6	9	157			86		

AFRICA-MOZAMBIQUE

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
AFRICA	0°	0°	0		mb	mb	°C	°C	mb	mb						
MOZAMBIQUE							S 8.0									
67217 LICHINGA	1317S	03515E	1365	31	869.1	1015	Y	17.1		15.9	1	2				
67237 NAMPÚLA	1506S	03917E	441	31	966.8	1017.8		21.7	-0.1	20.6	0.6	5	24	1	5	97
67261 TETE	1611S	03335E	150	31	1000.5	1017.9		24.0	-0.4	20.7	2.6	0	0	-4	0	100
67283 QUELIMANE	1753S	03653E	16	31	1016.8	1018.7		23.2	-0.2	23.1	0.9	5	55	-29	2	112
67297 BEIRA	1948S	03454E	16	31	1016.6			23.1	0.3	21.9	0.8	6	88	17	4	100
67323 INHAMBANE	2352S	03523E	15	31	1018.0	1019.6		22.7	0.4	21.6	1.2	6	61	8	4	115
67341 MAPUTO/MAVALANE	2555S	03234E	44	31	1014.3	1019.5		22.6	1.6	20.1	1.2	1	10	-19	2	99
ZAMBIA							S 25.3									
67475 KASAMA	1013S	03108E	1384		865.3	1534	Y	18.6	-0.4	15.4	0.6	1	1	-15	3	
67633 MONGU	1515S	02309E	1053		899.3	1533	Y	19.6	-0.2	13.4	0.9	0	3	-2	4	330
67663 KABWE	1427S	02828E	1207		884.2	1541	Y	17.7	-0.1	13.5	0.7	0	0	-5	4	116
67743 LIVINGSTONE	1749S	02549E	986		907.3	1543	Y	19.1	0.2	13.3	2.2	0	0	-3	0	324
MALAWI																
67586 KAMUZU INTL.	1347S	03346E	1229	31	882.5			20.5		15.7	1	4				96
ZIMBABWE																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		857.6	1551	Y	15.3	-0.6	10.9	0.1	0	0	-12	2	301
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		871.4	1555	Y	17.0	0.9	10.9	1.0	0	0	-9	0	290
BOTSWANA																
68024 GHANZI	2142S	02139E	1100		891.5	1545	Y	18.5		11.2	1	4				312
SOUTH AFRICA																
68174 PIETERSBURG	2352S	02927E	1200		887.0	1560	Y	16.0	1.5	11.6	1.4	2	7	-4	3	275
68262 PRETORIA	2544S	02911E	1300		876.3	1557	Y	15.6	2.0	10.1	0.9	0	T	-21	1	256
68368 JAN SMUTS	2608S	02814E	1700		835.4	1558	Y	13.9	1.7	9.1	1.2	1	22	1	4	258
68424 UPINGTON	2824S	02116E	800		927.2	1537	Y	16.9	2.0	8.3	-0.2	1	4	-8	2	294
68438 KIMBERLEY	2848S	02446E	1200		885.9	1547	Y	14.4	1.1	9.5	1.2	4	19	-1	4	262
68442 BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400		865.7	1552	Y	11.8	1.2	8.8	0.9	4	27	6	4	244
68461 BETHLEHEM AIRPORT	2815S	02820E	1700		835.8	1560	Y	10.2		8.4	4	20				235
68476 LADYSMITH	2834S	02946E	1100		897.1	1557	Y	15.1		10.7	1	11				95
68588 DURBAN (LOUIS BOTHA)	2958S	03057E	8		1017.0	1018.6		20.2	1.5	18.1	1.8	2	10	-47	1	205
68816 CAPE TOWN (D.F. MALAN)	3359S	01836E	42		1012.4	1018.2		13.9	-0.2	12.7	0.0	6	90	14	4	205
68828 GEORGE AIRPORT	3400S	02223E	193		994.4	1018.1		14.2	0.1	12.0	5	15		-49	1	228
68842 PORT ELIZABETH	3359S	02536E	60	31	1010.9	1018.2		16.3	0.6	14.3	0.5	4	26	-43	2	108
68858 EAST LONDON	3302S	02750E	125		1003.0	1018.0		17.4	0.6	3.8	-10.1	3	12	-45	2	239
68906 GOUGH ISLAND	4021S	00953W	54		1007.3	1013.7		10.8	-0.5	10.0	-1.2	23	221	-57	2	104
68994 MARION ISLAND	4653S	03752E	22		1009.2	1011.9		5.0	0.1	7.3	-0.5	8	140	-96	1	103
N AMERICA																
USA																
70026 BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4		1018.9	1019.5		-8.7	-1.3	3.2	-0.1	0	1	-3	2	
70133 KOTZEBUE, RALPH WIEN, AK.	6652N	16238W	5		1014.0	1014.6		-1.1	-0.9	4.7	-0.1	7	24	16	5	
70200 NOME, AK.	6430N	16526W	7		1013.0	1013.8		-0.1	-2.2	5.1	-0.1	9	51	37	6	
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46		1008.3	1014.1		3.4	-1.2	6.3	-0.1	9	37	17	5	
70231 MCGRATH, AK.	6258N	15537W	103		1000.9	1014.7		6.3	-0.7	6.2	0.6	8	30	11	4	
70261 FAIRBANKS/INTL, AK.	6449N	14752W	138		995.6	1012.1		8.8	-0.2	6.4	0.9	7	25	11	5	
70273 ANCHORAGE/INTL, AK.	6110N	15001W	40		1008.0	1013.1		8.0	0.1	7.1	0.4	12	49	34	6	
70308 ST. PAUL, AK.	5709N	17013W	9		1012.0	1012.9		3.2	1.6	6.5	0.4	10	49	18	5	
70316 COLD BAY, AK.	5512N	16243W	31		1011.0	1015.0		4.8	0.6	7.2	0.4	12	56	-7	3	
70326 KING SALMON, AK.	5841N	15639W	15		1011.2	1013.0		5.6	-0.1	6.8	1.2	11	59	29	5	
70361 YAKUTAT, AK.	5931N	13940W	9		1014.7	1015.9		7.3	1.3	8.7	3.0	19	325	93	5	
70398 ANNETTE ISLAND, AK.	5502N	13134W	34		1016.0	1018.2		10.3	0.9	9.5	1.0	12	68	-105	1	
72201 KEY WEST/INTL, FL.	2433N	08145W	6		1016.2	1016.9		27.5	0.6	25.8	6	74	-2	4	373	
72202 MIAMI, FL.	2549N	08017W	4		1016.7	1017.1		27.2	1.4	23.6	-0.5	6	25	-142	1	358
72203 WEST PALM BEACH/INTL, FL.	2641N	08007W	6		1016.2	1016.9		26.4		23.4	5	20		1		125
72205 ORLANDO/JETPORT/ FL.	2826N	08119W	32		1013.5	1017.2		25.5		20.6	5	60				
72206 JACKSONVILLE/INTL, FL.	3030N	08142W	9		1016.2	1017.2		23.2	-0.8	19.6	-1.7	3	39	-72	2	362
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15		1014.7	1016.4		22.4		17.8	4	76	2	300		105
72208 CHARLESTON/MUN., SC.	3254N	08002W	15		1014.8	1016.8		22.4	0.1	17.7	-0.5	5	54	-57	2	279

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SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY S 1 MM	TOTAL	DEPARTURE	QUINTILE			
N AMERICA																
USA																
72211 TAMPA/INTL, FL.	2758N	08232W	3	1016.8	1017.2	25.8	-	21.3	-	1	6	-	1 352 115			
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21	1014.7	1017.0	22.6	-	19.2	-	7	127	3	-			
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110	1003.8	1016.7	21.1	-1.5	16.8	-	7	111	14	4 391 130			
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45	1010.7	1016.0	20.6	-	16.7	-	5	72	3	-			
72219 ATLANTA/MUN., GA.	3339N	08425W	315	980.0	1016.6	20.4	0.0	15.3	-0.8	8	163	48	4 264 89			
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67	1008.7	1016.5	23.4	-0.5	21.3	-	9	164	47	4 -			
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62	1009.7	1016.9	21.9	-	18.6	-	6	98	3	249 90			
72231 NEW ORLEANS, LA	2959N	09015W	9	1015.0	1015.9	24.7	0.5	23.9	2.5	9	89	-41	2 365 135			
72234 MERIDIAN/KEY, MS.	3220N	08845W	94	1006.0	1017.1	21.3	-	19.1	-	8	187	5	-			
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101	1004.1	1015.8	22.2	-	20.4	-	8	201	-	-			
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10	1014.4	1015.5	25.2	-	24.1	-	8	192	-	-			
72242 GALVESTON, TX.	2918N	09448W	16	1012.7	1014.8	25.7	1.4	25.5	-	5	69	-14	3 -			
72243 HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1009.7	1013.4	25.4	-	24.1	-	8	344	236	95			
72248 SHREVEPORT/REG., LA.	3228N	09349W	79	1005.1	1014.4	23.2	0.5	20.9	-	6	256	142	5 319 125			
72250 BROWNSVILLE/INTL, TX.	2554N	09726W	6	1011.5	1012.1	27.8	1.6	27.8	3.2	1	31	-24	2 267 100			
72251 CORPUS CHRISTI/INTL, TX.	2746N	09730W	13	1010.4	1012.1	27.7	-	28.4	-	1	3	1	253 105			
72253 SAN ANTONIO/INTL, TX.	2932N	09828W	242	984.1	1011.3	27.6	3.5	22.2	1.6	1	8	-93	1 292 130			
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189	990.7	1012.4	25.7	-	24.2	-	7	175	5	-			
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1009.3	1013.4	27.3	-	25.5	-	4	18	-	-			
72256 WACO/MADISON-COOPER, TX.	3137N	09713W	155	994.7	1012.6	24.7	-	22.4	-	7	237	5	-			
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182	-	-	23.5	-	-	-	9	244	5	283 110			
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582	944.5	1009.4	25.7	-	17.0	-	5	27	1	-			
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	672	912.8	1008.7	24.9	2.4	12.8	-	2	24	-35	2 320			
72266 ABILENE, TX.	3225N	09941W	534	948.9	1010.4	24.4	1.9	17.2	1.9	6	78	-5	3 309 100			
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988	900.4	1009.0	22.8	-	12.0	-	5	10	1	317 100			
72270 EL PASO/INTL, TX.	3148N	10624W	1194	879.3	1008.1	23.4	1.0	6.8	0.9	3	17	11	5 397 105			
72274 TUCSON/INTL, AZ.	3207N	11056W	779	923.5	1009.3	25.2	-	5.3	-	1	3	4	414 100			
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337	970.5	1008.6	28.4	3.4	6.9	0.1	0	T	-4	3 421 105			
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1014.1	1015.1	17.6	0.1	14.2	0.7	1	14	8	5			
72295 LOS ANGELES/INTL, CA.	3356N	11824W	32	1011.1	1014.7	16.9	-	13.9	-	1	1	4	-			
72304 CAPE HATTERAS, NC.	3516N	07533W	3	1015.7	1016.1	19.3	-0.2	16.7	-1.8	10	136	34	4 292 110			
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	1000.2	1015.9	18.3	-	14.4	-	8	99	4	239 90			
72308 NORFOLK/INTL, VA.	3654N	07612W	9	1014.3	1015.3	18.7	-	14.8	-	9	75	2	295 105			
72310 COLUMBIA, SC.	3357N	08107W	69	1008.1	1016.1	20.6	-1.6	15.7	-	7	113	22	4 306 105			
72312 GREENVILLE/G-SPARTANBURG, SC.	3454N	08213W	296	981.7	1016.1	18.0	-	15.3	-	8	92	3	336 125			
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	988.6	1015.9	19.3	-	14.3	-	8	136	5	254 85			
72315 ASHEVILLE/REG., NC.	3526N	08233W	661	941.2	1016.8	15.2	-2.3	12.2	-1.9	9	141	38	4 272 100			
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	984.1	1015.7	17.3	-	13.3	-	8	162	6	273 105			
72324 CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	991.9	1016.5	18.6	-	14.9	-	10	116	4	286 105			
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299	-	-	16.9	-	14.4	-	10	135	5	-			
72327 NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	995.0	1016.6	18.7	-1.4	14.1	-1.9	10	117	1	277 105			
72340 N. LITTLE ROCK/MUN. APRT., AR.	3450N	09215W	165	996.3	1015.6	20.5	-0.9	16.2	-0.5	12	138	3	3			
72344 FORT SMITH/MUN., AR.	3520N	09422W	141	998.3	1014.8	20.7	-	17.7	-	14	259	5	279 100			
72353 OKLAHOMA CITY/W.R. WORLD, OK.	3524N	09736W	397	967.2	1012.9	20.7	0.5	16.1	1.5	7	108	-32	2 -			
72356 TULSA/INTL, OK.	3612N	09554W	206	989.5	1013.6	20.7	-	16.1	-	9	100	2	259 100			
72365 ALBUQUERQUE/INTL, NM.	3503N	10637W	1620	835.6	1008.1	20.5	2.4	4.7	-0.7	0	1	-11	2 364 105			
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	934.2	1009.3	24.3	1.4	6.4	0.8	1	16	11	5 391 102			
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100	1003.2	1014.9	20.9	-	10.7	-	2	23	5	409 105			
72394 SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	1008.1	1016.6	14.2	0.5	11.4	0.3	1	2	-5	3 -			
72401 RICHMOND/BYRD, VA.	3730N	07720W	54	1008.4	1014.8	17.8	-	14.5	-	8	128	5	294 105			
72405 WASHINGTON/NAT., VA.	3851N	07702W	20	1012.4	1014.8	17.8	-1.1	14.4	-0.1	12	197	109	6 192 70			
72406 BALTIMORE/B-WASHINGTON, MD.	3911N	07640W	47	1008.9	1014.2	16.6	-	14.2	-	11	221	6	183 75			
72407 ATLANTIC CITY, NJ.	3927N	07434W	20	1011.7	1014.3	15.5	-	13.4	-	10	118	5	281 120			
72408 PHILADELPHIA/INTL, PA.	3953N	07515W	9	1013.2	1014.2	16.9	0.0	13.5	-	11	172	100	6 200 80			
72411 ROANOKE/MUN., VA.	3719N	07958W	358	973.5	1015.4	16.2	-	12.4	-	7	164	5	-			
72412 BECKLEY/RALEIGH CTY.MUN.), VA.	3747N	08107W	766	928.2	1016.2	13.4	-	10.7	-	13	116	-	-			
72414 CHARLESTON/KANAWHA, WV.	3822N	08136W	299	980.5	1015.7	15.2	-	13.0	-	18	172	6	-			
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	984.1	1015.6	15.5	-2.5	12.6	-	13	118	17	4 -			
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	980.1	1015.5	15.9	-	12.3	-	12	137	4	-			
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	997.7	1015.7	16.9	-	12.7	-	12	112	4	209 80			
72425 HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	985.6	1015.7	15.5	-	12.1	-	14	101	-	-			
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	985.7	1015.8	13.9	-3.1	11.5	-0.6	14	120	26	5 160 65			
72429 DAYTON/JAMES M. COX DAY., OH.	3954N	08412W	306	979.5	1015.6	14.9	-1.7	12.0	-0.7	13	217	128	6 202 75			
72432 EVANSVILLE/REG., IN.	3803N	08732W	118	1001.8	1015.8	17.3	-	14.1	-	9	94	3	314 110			
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	994.7	1014.9	17.9	-0.8	12.4	-2.1	8	104	14	4 259 95			

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DEPARTURE	TOTAL	QUINTILE	TOTAL	% OF AV.	
N AMERICA															
USA	0°	0°	3	mb	mb	°C	°C	mb	mb	mm	mm	hr	hr	%	
72438 INDIANAPOLIS/I.-MUN/WEI.,IN.	3944N	08616W	246	986.6	1015.8	15.2		12.1		10	147	5	249	95	
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	993.7	1015.2	15.2		11.7		6	106	5	272	100	
72440 SPRINGFIELD/MUN., MO.	3714N	09323W	387	972.5	1014.9	16.9		13.8		7	176	5	298	110	
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274	982.4	1014.6	16.4	-1.8	13.0	-0.6	9	123	8	4		
72446 KANSAS CITY, INTL, MO.	3919N	09443W	312	978.1	1014.8	17.3		12.3		9	116	2	242	85	
72450 WICHITA, KS.	3739N	09726W	408	965.7	1013.1	18.9	0.1	13.5	-0.2	9	126	33	4	75	
72451 DODGE CITY/MUN., KS.	3746N	09958W	790	922.5	1012.1	18.3	0.3	12.7		8	86	4	4	302	100
72456 TOPEKA/MUN., KS.	3904N	09537W	270	982.1	1013.7	17.9	-0.3	13.2		9	103	3	3	295	110
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	960.6	1013.1	17.9	0.0	12.3		10	103	-1	3	301	95
72465 GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	886.6	1012.2	15.7		10.2		10	70	3			
72469 DENVER/STAPLETON INTL, CO.	3945N	10452W	1625	834.4	1010.2	15.0	0.5	7.6	0.2	11	97	41	5	314	110
72476 GRAND JUNCTION/WALKER F.,CO.	3907N	10832W	1475	849.4	1009.4	17.7	1.0	5.3	-0.6	3	10	-11	2	363	110
72483 SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8		1014.4	18.8	0.2	11.4	0.9	1	2	-7	2		
72486 ELY/YELLAND, NV.	3917N	11451W	1909	807.2	1011.2	10.6	0.5	5.1	0.2	5	35	8	4	303	90
72488 RENO/INTL, NV.	3930N	11947W	1341	864.8	1013.2	13.9		6.2		5	34	5		384	100
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5	1016.7	1017.4	15.4	1.1	11.7	1.0	1	1	-7	2		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9	1013.2	1014.3	16.8	0.4	12.7	1.2	12	210	124	6	206	80
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19	1013.0	1015.1	15.2		11.9		11	154	5			
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55	1007.7	1014.0	15.8		11.9		13	305	6		245	90
72509 BOSTON/LOGAN INTL, MA.	4222N	07102W	9	1013.9	1014.9	15.2	0.5	11.4	0.6	10	90	1	3		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289	979.9	1014.4	14.1		11.5		17	204			176	70
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497	955.5	1014.3	12.9		10.7		16	147			187	75
72517 ALLENTON/A.-BETHLEHEM-.,PA.	4039N	07526W	117	999.9	1013.9	15.2		12.4		13	242	6		152	
72518 ALBANY/ALBANY CO., NY.	4245N	07348W	89	1003.6	1014.4	15.3	0.7	12.2		14	150	66	5	228	95
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124	999.1	1013.8	14.6		12.4		18	108	4		177	75
72520 PITTSBURGH/GREATER Pitt.,PA.	4030N	08013W	373	970.9	1014.7	14.4	-2.0	11.6		19	167	81	6	117	55
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377	971.1	1015.3	13.9		11.4		16	152	5			
72525 YOUNGSTOWN, OH.	4116N	08040W	361	971.8	1015.2	13.4		11.0		19	159	6			
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	988.9	1014.6	12.8	-0.6	10.4	-0.2	17	183	113	6	187	70
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169	993.9	1014.5	13.4		11.2		16	155	5		192	70
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205	991.1	1015.5	14.3		10.6		8	40	0		259	90
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	991.6	1015.3	15.1		11.6		11	57	2		320	120
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252	985.9	1015.9	14.1		11.3		13	122	5			
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236	987.1	1015.4	14.0		10.8		7	69	3			
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211	990.6	1015.6	14.0		11.2		13	124				
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202	990.5	1014.7	14.2	-0.8	11.0		9	106	39	5	242	85
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181	994.0	1015.4	14.9		11.1		10	87	3		277	110
72546 DES MOINES/MUN., IA.	4132N	09339W	294	980.1	1014.8	16.1	-1.0	10.9	-0.9	9	92	-6	3	251	90
72553 OMAHA, NE.	4122N	09601W	406	966.3	1014.2	17.2	-0.2	10.2		5	14	-99	0		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	958.3	1013.5	15.5		10.1		7	43	1			
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336	974.2	1013.9	16.2		9.7		6	38	1		268	95
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849	915.5	1012.5	15.0	0.4	9.7	-0.1	8	77	-8	3		
72564 CHEYENNE, WY.	4109N	10449W	1872	810.4	1011.3	12.4		6.6		7	35	2		340	120
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	835.3	1011.4	12.2		5.8		7	70	4			
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288	869.1	1011.4	15.5	0.7	7.0	-0.2	7	46	9	4	371	115
72576 LANDER/HUNT, WY.	4249N	10844W	1694	827.4	1011.8	12.1		6.0		8	135	5			
72578 POCATELLO/NUM., ID.	4255N	11236W	1365	861.4	1013.0	11.9		6.9		5	19	2		332	110
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			12.4	-0.2	5.5	0.0	2	10	-10	3		
72594 EUREKA, CA.	4048N	12410W	18	1017.4	1019.6	13.3	2.0	11.4		6	42	-3	4		
72597 MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	970.1	1017.8	14.7	0.7	9.8	1.1	4	26	1	3		
72605 CONCORD/MUN., NH.	4312N	07130W	105	1001.7	1014.1	14.6		11.4		9	130	5		240	90
72606 PORTLAND/INTL JET PORT, ME.	4339N	07019W	19	1012.3	1014.1	13.1		11.6		8	222	6		216	85
72617 BURLINGTON/INTL, VT.	4428N	07309W	104	1001.3	1013.7	15.3	2.4	11.2	0.7	15	81	6	4	218	85
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	985.9	1015.1	13.2		10.3		9	110			255	100
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193	992.5	1015.5	12.6		9.5		9	118	5			
72637 FLINT/BISHOP, MI.	4258N	08345W	233	987.2	1015.1	13.4		11.0		10	100	4			
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	989.8	1015.1	12.7		9.9		11	73	4		265	95
72641 MADISON/DANE COUNTY REG.,WI.	4308N	08920W	264	983.6	1015.0	13.4	-0.6	10.1		8	70	-16	2	282	110
72644 ROCHESTER/MUN., MN.	4355N	09230W	402	967.4	1014.7	13.2		9.7		5	44				
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	989.5	1015.5	12.7		9.5		5	107	4		311	110
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	962.7	1014.1	14.4		9.3		8	36	1			
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393	967.0	1013.2	13.6	-0.5	10.2		5	25	-45	1	354	120
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255	984.2	1014.6	14.2	-0.4	10.2		9	86	6	4	309	110
72662 RAPID CITY/REG., SD.	4403N	10304W	966	902.6	1012.9	13.0	-0.1	8.2	-0.1	8	35	-32	2	340	130
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209	876.7	1013.1	11.8	0.2	8.0	0.2	10	43	-19	3	289	110

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL hr	% OF AV.		
N AMERICA																		
USA																		
72677 BILLINGS/LOGAN INTL, MT.	4548N	10832W	1088	889.3	1012.6	12.8	7.8	11	52	3	252	90						
72681 BOISE/MUN., ID.	4334N	11613W	874	914.4	1014.3	13.5	-0.6	7.0	0.1	1	5	-26	1	392	115			
72688 PENDLETON, OR.	4541N	11851W	456	962.5	1016.2	13.3	9.0	8	37	4								
72698 PORTLAND/INTL, OR.	4536N	12236W	12	1017.3	1018.7	14.4	0.0	10.8	0.3	10	73	19	4	305	110			
72712 CARIBOU/MUN., ME.	4652N	06801W	190	990.9	1013.9	13.7	3.6	11.7	3.2	9	105	28	4					
72734 SAULT STE. MARIE, MI.	4628N	08422W	221	988.3	1015.0	11.3	1.3	8.5	0.0	5	54	-19	2	256	90			
72743 MARQUETTE, MI.	4634N	08733W	434	963.3	1015.2	10.4	0.0	8.0	0.0	9	55	-20	2					
72745 DULUTH/INTL, MN.	4650N	09211W	432	963.3	1015.0	10.9	0.7	7.8	0.2	8	88	8	4	290	111			
72747 INT. FALLS/FALLS INTL, MN.	4834N	09323W	361			11.9	1.2			11	49	-13	3					
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274	980.8	1013.8	14.9	9.0			7	66	4	348	125				
72764 BISMARCK/MUN., ND.	4646N	10045W	506	953.6	1013.2	13.4	0.7	8.2	-0.3	6	49	-8	3	299	100			
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	944.8	1012.9	13.5	8.6			5	43	3	290	100				
72768 GLASGOW/INTL, MT.	4813N	10637W	700	930.9	1012.6	13.0	8.2			10	53	4						
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			10.9	-0.2			8	25	-18	1					
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	903.9	1015.7	11.2	7.1			5	34	3	321	120				
72775 GREAT FALLS/INTL, MT.	4729N	11122W	1115	886.9	1014.3	10.4	-1.3	7.3	0.4	10	61	0	3	303	105			
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325	977.2	1015.8	13.6	8.2			4	15	4						
72785 SPOKANE/INTL, WA.	4738N	11732W	721	931.3	1015.0	11.9	-0.5	7.8	0.1	8	46	11	4	306	105			
72791 ASTORIA/CLATSOP, OR.	4609N	12353W	7	1018.6	1019.5	11.8	10.7			9	76							
72792 OLYMPIA, WA.	4658N	12254W	61		1018.3	12.2	0.6	10.0	0.4	9	51	3	4					
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	1001.5	1018.0	13.3	10.2			8	71	5	281	110				
72797 QUILLAYUTE, WA.	4756N	12433W	62	1011.3	1018.9	10.9	0.4	10.0	0.2	13	84	-48	2					
74492 BLUE HILL OBS., MA.	4213N	07107W	195	990.6	1014.4	14.8	1.2	11.2	0.5	10	120	26	5	230	100			
ST. PIERRE AND MIQUELON																		
71805 SAINT-PIERRE	4646N	05610W	5	31	1019.4	1020.0	5.5	0.8	7.8	0.5	5	48	1		81			
MEXICO																		
76382 TORREON, COAH.	2532N	10327W	1124	886.5	1004.7	28.5	1.3	10.9	-5.2	1	375	363	6	502				
76458 COLONIA JUAN CARRASCO MAZ.	2312N	10625W	4	1011.0	1011.0	25.3	0.6	23.2	-0.1	0	0	-T	0	330	225			
76577 GUANAJUATO, GTO.	2101N	10115W	1999	804.1	1006.4	22.3	1.3	14.7	2.7	2	36	3	3	322	125			
76644 AEROP. INTL MERIDA, YUC.	2059N	08939W	9	1012.2	1013.2	29.0	0.5	24.7	0.1	5	425	357	6	332	145			
76654 MANZANILLO, COL.	1903N	10420W	3	1012.1	1012.5	26.3	0.1											
76665 MORELIA, MICH.	1942N	10111W	1913	811.4	1006.4	21.8	0.8	11.7	-1.8	2	148	98	6	288	65			
76750 CHETUMAL, Q.ROO	1830N	08818W	3	1008.2	1009.2	28.2	0.2	28.2	-4.6	5				265				
76805 ACAPULCO, GRO.	1650N	09956W	28	1011.2	1011.2	28.0	-0.5	27.2	-0.5	0	0	-32	0	287	115			
76845 SN.CRISTOBAL LAS CASAS, CHIS	1644N	09238W	2276	795.3	1013.7	15.6	0.1	14.3						176	110			
BAHAMAS																		
78073 NASSAU AIRPORT	2503N	07728W	7	1015.8	1016.6	26.0	0.7	26.0	0.8	8	56	-61	2	10	115			
CUBA																		
78325 CASA BLANCA, HABANA	2310N	08221W	50	1009.9	1015.8	26.4	0.9	26.0	0.8	4	52	-63	2					
JAMAICA																		
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8	1014.3	1015.2	27.2	0.6	26.2	0.8	7	32	-69	2					
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14	1012.6	1014.2	27.1	-0.5	24.8	-1.5	3	112	17	4	248	100			
PUERTO RICO AND US POSS																		
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			26.8	0.1			1	124	-26	3					
BELIZE																		
78583 BELIZE/INTL AIRPORT	1732N	08818W	5	31	1012.7	1013.2	28.0	-0.1	31.8	2.5	6	80	-15	2	61			
COSTA RICA																		
78760 PUNTARENAS	0958N	08450W	3	1009.6	1009.6	28.0	-0.1	28.9		6	69			19				
78762 JUAN SANTAMARIA	1000N	08413W	939	910.1	1010.9	23.6	1.5	21.4		17	185	-59	1	207	115			
78767 PUERTO LIMON	1000N	08303W	3	988.3	1012.2	25.5	-0.7											
ST. MAARTEN, ST. EUST., SABA																		
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9	1017.0	1017.5	27.1	-0.5	26.0		10	41	-55	2	257	95			
ST. MARTIN, ST. BARTH., GUAD.																		
78897 LE RAIZET, GUADELOUPE	1616N	06131W	8	1015.7	1016.6	26.3	0.2	24.0	-2.3	7	31	-64	2	298	129			

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE
N. AMERICA	0°	0°	3		mb	mb	°C	°C	mb	mb	mm	mm	mm	%
MARTINIQUE														
78925 LE LAMENTIN	1436N	06100W	.4		1014.8	1015.6	26.5	0.9	26.6	0.1	6	31	-73	0
TRINIDAD AND TOBAGO														
78970 PIARCO INTL AIRPORT, TRINIDAD	1037N	06121W	15		1012.1	1014.6	26.7	-0.1	26.2	-1.0	6	84	-27	3
CURACAO AND BONAIRE														
78988 HATO AIRPORT, CURACAO	1212N	06858W	.7		1012.0	1012.9	27.2	-0.6	28.0	-0.9	1	20	0	4
COLOMBIA														
80001 SAN ANDRES (ISLA)	1235N	08143W	6	31	1012.2	1012.3	27.4	-0.4	29.8	-0.5	12	317		294
80002 PROVIDENCIA (ISLA)	1322N	08121W	6				27.3		28.7		10	87		224
S AMERICA														
COLOMBIA														
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1008.1	1008.6	28.5		28.8		7	35		216
80022 CARTAGENA/CRESPO	1027N	07531W	12		1010.4	1010.6	27.5		30.8		9	148		196
80028 BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30				28.3	0.2	29.5	-0.5	8	47	-57	2
80084 APARTADO	0748N	07642W	30				27.3		29.7		18	370		120
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.3	-0.5	29.2	0.6	17	473	220	6
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189				21.0		21.2		14	126		142
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317	31			27.4	-0.2	25.5	0.7	9	50	-13	2
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128	31			26.6		27.8		12	233		147
80112 RIONEGRO/J.M.CORDOVA	0611N	07526W	2142	31	790.6		16.7		14.2		16	212		
80139 PUERTO CARRERO	0610N	06730W	55	31			27.2		27.8		17	199		178
80144 QUIBDO/EL CARANO	0543N	07637W	33	31			26.4		29.3		24	438		78
80210 PEREIRA/MATECANA	0449N	07548W	1342	31	865.9		21.1		19.0		14	161		162
80214 IBAGUE/PERALES	0426N	07509W	928	31			23.0		21.5		11	138		182
80222 BOGOTA/ELDORADO	0442N	07408W	2548		753.8		13.6	0.0	12.3	-0.4	14	53	-25	2
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431				24.2		25.4		27	626		105
80241 GAVIOTAS	0433N	07055W	167		990.0	1009.3	25.1	-0.2	26.9	-0.4	21	381	52	4
80259 CALI/PALMASECA	0333N	07623W	969	31	906.1		23.2	-0.3	21.0	-0.5	12	96	-14	3
80315 NEIVA/LA MANGUITA	0258N	07518W	443				26.8	-0.7	23.1	-1.4	11	63	-14	3
80342 PASTO/ANTONIO NARINO	0125N	07716W	1826	31			18.9		17.1		10	84		183
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.7	-0.4	11.0	-0.1	12	34	-31	0
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		1002.8	1012.4	25.0	-0.7	28.0	-0.7	20	233	-34	2
VENEZUELA														
80426 VALERA	0921N	07037W	582		948.2	1012.3	25.0		25.7		10	89		144
FRENCH GUIANA														
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1012.3	1013.4	25.8	0.1	29.5	0.5	25	617	32	4
BRAZIL														
82098 MACAPA	0002N	05103W	15		1010.4	1012.2	25.9		30.6		27	448		
82191 BELEM	0127S	04828W	24		1012.0	1012.5	25.6	-0.4	29.5	0.3	24	434	138	5
82246 BELTERRA	0238S	05457W	176		994.5	1014.4	23.8		28.3		29	338		
82280 SAO LUIZ	0232S	04417W	51		1006.1	1011.9	25.4	-0.6	30.7	1.1	27	389	104	4
82331 MANAUS	0308S	06001W	72	31	1004.5		25.4	-0.9			20	555		6
82397 FORTALEZA	0344S	03633W	19		1008.8	1011.9	26.1	-0.2	29.1	0.8	20	188	-51	3
82410 BENJAMIN CONSTANT	0423S	07002W	65	31	1004.7		25.7	0.1	29.7	2.3	21	173	-62	2
82425 COARI	0405S	06305W	46	31	1004.7	1010.3	26.2	0.1	29.9	-0.9	23	128		
82445 ITAITUBA	0416S	05558W	45		1009.3	1014.4	26.0		32.3		26	202		
82562 MARABA	0521S	04909W	102		1000.6	1011.8	26.2		29.2		16	128		
82571 BARRA DO CORDA	0530S	04516W	153		993.7	1013.6	25.0	-0.1	28.4	-1.0	4	54	-19	3
82578 TEREZINA	0505S	04249W	74		1002.5	1022.8	25.8		28.5		16	181		5
82583 CRATEUS	0510S	04040W	299		976.8		24.4				12	167		
82586 QUIXERAMOBIM	0512S	03918W	211		988.3	1012.2					14	309	186	6
82640 JACAREACANGA	0616S	05744W	98		999.6	1010.9	25.7		29.5		21	252		
82668 SAO FELIX DO XINGU	0638S	05158W	150		990.8	1012.3	25.4		27.5		15		198	
82678 FLORIANO	0646S	04301W	123		997.8	1013.6			27.8	2.6	6	136	85	5
82704 CRUZEIRO DO SUL	0738S	07240W	170	31	989.4		25.0	0.5	25.8	-2.0	11	11		4
82784 BARBALHA	0719S	03918W	409		966.4	1013.1	24.0		24.4		10	106		
82825 PORTO VELHO	0846S	06305W	95		1002.2	1009.1	24.6	-1.3	28.0	-1.3	14	107	-25	3
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160				26.0	-0.2	34.2	6.3	14	130	62	5

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	QUINTILE	% OF AV.				
S AMERICA																		
BRAZIL																		
82900 RECIFE (CURADOI)	0803S	03455W	7	1012.8	1013.2	25.5	0.3	28.7	2.1	25	418	92	4					
82915 RIO BRANCO	0958S	06748W	136	31		23.4		25.8		11	46							
82983 PETROLINA	0923S	04029W	370		971.5	1013.0	25.3	-0.2	22.6	1.3	5	70	40	4				
83096 ARACAJU	1055S	03703W	6		1012.2	1012.9	25.7	0.2	28.2	1.5	24	502	226	5				
83186 JACOBINA	1111S	04028W	484		959.0		23.8		22.7		8	34		2				
83208 VILHENA	1244S	06008W	652		945.0	1013.3	23.0		23.5		3	17						
83229 SALVADOR	1301S	03831W	51		1007.4	1013.4	25.3	0.3	27.8	2.9	28	651	323	5				
83235 TAGUATINGA	1216S	04626W	660		946.3	1013.0	24.4		20.5		3	20		4				
83236 BARREIRAS	1209S	04500W	440		963.0	1012.7	25.1		18.9		5	22						
83242 LENCOIS	1234S	04123W	438		964.8	968.4	22.5		23.0		14	55		2				
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		971.9	1013.4	23.0		26.3		4	52						
83288 BOM JESUS DA LAPA	1316S	04325W	440		963.5	1012.9	25.4	0.0	15.8	-4.6	2	7	-28	3				
83361 CUIABA	1533S	05607W	179		997.6	1015.0	24.0	-0.2	25.8	2.8	4	48	-3	3				
83377 BRASILIA	1547S	04756W	1158		889.0	1014.8	19.4	0.0	14.4	-1.9	0	0	-38	1				
83492 TEOFILO OTONI	1751S	04130W	356	31	978.4	1017.1	20.0		19.4		3	19		2				
83498 CARAVELAS	1744S	03915W	3		1016.9	1017.4	24.7	0.9	22.2	-2.0	15	149	33	4				
83512 COXIM	1830S	05446W	286		983.6	1017.9	20.5		22.1		5	54						
83552 CORUMBA	1900S	05739W	130		998.3	1016.9	22.1	-0.9	21.5	-2.2	2	4	-47	1				
83579 ARAXA	1934S	04656W	1004		903.7	1017.2	16.9	-1.8	16.6	-0.5	1	11	-37	0				
83587 BELO HORIZONTE	1950S	04356W	850		915.9	1017.5	20.1	0.5	18.4	0.3	3	3	-22	1				
83592 CARATINGA	1948S	04209W	609		949.1	1017.9	19.6		17.0		2	21		3				
83611 CAMPO GRANDE	2028S	05440W	560		957.2	1017.7	20.1	-1.0	16.3	-4.1	4	18	-114	0				
83618 TRES LAGOAS	2047S	05138W	313		980.7	1018.2	21.0	0.2	18.1	-0.7	3	85	29	4				
83648 VITORIA	2019S	04020W	36		1014.5	1018.6	23.3		22.5		11	115		4				
83676 CATANDUVA	2108S	04858W	536		954.1	1017.9	19.6		16.5		4	82						
83692 JUIZ DE FORA	2146S	04321W	939		915.0	1020.3	16.7	-0.8	15.7	-0.7	5	19	-22	3				
83698 CAMPOS	2145S	04120W	11		1017.5	1018.9	22.4		22.3		8	44		3				
83702 PONTA PORA	2232S	05544W	650		940.8	1018.2	17.7	-0.4	16.4	-0.9	6	38	-83	1				
83743 RIO DE JANEIRO	2255S	04310W	5		1019.9	1020.3	22.7	0.1	22.7	1.7	9	68	-17	2				
83766 LONDRINA	2323S	05111W	566		953.2	1018.7	18.1	0.0	16.4	1.2	6	44	-33	2				
83781 SAO PAULO	2330S	04637W	792		928.9	1018.6	17.5	0.6	16.4	0.3	9	31	-31	2				
83836 IRATI	2528S	05038W	837		923.1	1019.7	13.8		14.3		7	164						
83842 CURITIBA	2526S	04916W	923		916.8	1020.8	14.1	-0.3	14.7	0.1	6	110	25	4				
83881 IRAI	2711S	05314W	247		989.8	1020.4	15.9		15.9		9	102		2				
83897 FLORIANOPOLIS	2735S	04834W	2		1020.3	1020.5	19.0	0.0	18.8		10	165	96	6				
83931 ALEGRETE	2941S	05531W	121		1005.6	1020.2			13.6	-1.4	2	27	-100					
83967 PORTO ALEGRE	3001S	05113W	47		1015.8	1021.5	16.5	-0.2	15.6	-0.4	5	62	-21	3				
83980 BAGE	3120S	05406W	217		992.8	1021.6	14.9		12.4		5	17		1				
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1017.8	1022.3	13.8	-0.2	13.6	-0.3	3	13	-72	0				
PERU																		
84370 TUMBES	0333S	08024W	27		1008.3	1011.2	25.0		25.0		0	0		1				
84377 IQUITOS	0345S	07315W	126		1001.2	1015.1	25.2	-0.7	27.8	1.0	20	381	101	5				
84390 TALAR	0434S	08115W	90		1002.5	1012.7	20.7	-1.2	18.5	-0.8	0	0	0	5				
84401 PIURA	0511S	08036W	55		1008.2	1014.7	21.8	-3.5	18.5	-1.4	0	0	0	5				
84425 YURIMAGUAS	0554S	07605W	184		995.2	1016.4	26.9	0.6	28.0	0.7		183	-12	3				
84452 CHICLAYO	0647S	07950W	34		1010.4	1013.4	18.6	-2.7	18.2	-0.4	1	1	1	5				
84472 CAJAMARCA	0708S	07828W	2622		740.6		15.1	0.1	9.8	-1.1	1	22	-11	3				
84474 JUANJUI	0713S	07643W	363		979.6	1020.1	26.3	0.1	27.4	0.3	9	151	30	4				
84501 TRUJILLO	0806S	07902W	30		1010.7	1013.7	17.2	-1.8	17.2	-1.6	0	0	0	5				
84515 PUCALLPA	0825S	07436W	149		995.7	1012.7	25.0	-1.3	26.3	-1.6	8	116	6	4				
84531 CHIMBOTE	0910S	07831W	21		1013.7	1014.9	18.2	-3.1	17.1	-0.5	0	0	0	5				
84534 TINGO MARIA	0908S	07557W	665		940.7	1012.4	24.8	0.1	24.7	-0.2	12	157	-55	2				
84628 LIMA-CALLAO/AEROP. INTL	1200S	07707W	13		1012.2	1013.8	17.3	-1.1	17.1	-1.4	0	T	T	5				
84673 AYACUCHO	1308S	07413W	2749		713.1		17.2	0.6	9.2	0.6	6	19	6	4				
84686 CUZCO	1333S	07159W	3249		688.4		10.5	-0.4	8.7	0.6	3	3	-6	2				
84721 SAN JUAN	1523S	07510W	60		1007.8	1014.8	18.4	-0.1	16.1	-0.1	0	0	0	5				
84735 JULIACA	1529S	07009W	3827		630.7	644.8	9.5	0.5	6.6	1.3	0	C	-25	2				
84752 AREQUIPA	1619S	07133W	2520		708.1	753.1	14.0	-1.0	4.2	-2.0	0	0	0	5				
84782 TACNA	1804S	07018W	458		962.8	1016.4	15.9	-0.8	14.0	-0.2	0	T	-2	5				
CHILE																		
85406 ARICA	1821S	07020W	55	31	1009.1	1016.6	16.3	-1.4	13.3	-2.7	0	0	0	5				
85442 ANTOFAGASTA	2326S	07027W	140	31	1001.7	1016.2	13.9	-1.2	13.0	-0.4	0	0	0	5				
85469 ISLA DE PASCUA	2710S	10926W	69	31	1011.9	1017.5	20.0	-0.3	20.5	1.8	13		4					

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
S AMERICA	0°	0°	3	#b	#b	#b	°C	°C	#b	#b	#b	#b	#b	%
CHILE														
85488 LA SERENA	2955S	07112W	146	31	1000.0	1017.1	11.5	-0.8	11.7	-0.7	2		3	
85766 VALDIVIA	3938S	07305W	19	31	1017.0	1019.0	7.4	-2.3	9.4	-1.7	12		0	
85799 PUERTO MONTT	4126S	07306W	90	31	1008.1	1018.3	7.0	-1.8	9.1	-1.2	12	49	0	
85934 PUNTA ARENAS	5300S	07051W	44	31	1000.1	1004.5	4.6	0.9	7.2	0.7	5	14	-26	1
PARAGUAY														
86068 MARISCAL ESTIGARIBIA	2201S	06036W	181		999.1	1020.3	19.1	-2.5	21.5	4.0	7	33	-6	3 167 105
86086 PUERTO CASADO	2217S	05752W	87		1006.3	1015.9	21.6	-0.4	20.6	0.9	3	31	-43	1
86097 PEDRO JUAN CABALLERO	2235S	05539W	662		942.6		17.9	-1.1	17.6		3	29	-85	1
86134 CONCEPCION	2325S	05718W	74		1007.8	1018.0	20.0	-0.4	18.0		2	5	-138	0 202 110
86218 ASUNCION/AEROPUERTO	2516S	05738W	101		1008.8	1020.2	19.7	-0.8	16.7	-1.0	5	59	-72	2 206 100
86233 VILLARRICA	2545S	05626W	161		1001.2	1020.0	18.1	-1.0	16.3	-1.5	5	80	-55	2 228 110
86248 PUERTO PRESIDENTE STROESSNER	2532S	05436W	196		997.0	1018.6	18.4	-0.1	16.6	-1.5	5	49	-76	2 232 125
86255 PILAR	2651S	05819W	56		1014.5	1021.1	18.1	-1.2	16.1	-1.6	2	7	-83	0
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		1008.1	1022.1	19.1		15.2		6	57	2	
86297 ENCARNACION	2719S	05550W	91		1011.1	1020.8	26.4	7.9	15.1	-2.2	5	46	-90	1 210 115
URUGUAY														
86330 ARTIGAS	3023S	05630W	123		1016.2	1020.7	15.4		12.6		2	17		
86360 SALTO	3123S	05757W	34		1016.5	1020.5	14.8	0.2	13.0	3.1	3	43	-45	2
86440 MELO	3222S	05411W	100		1008.9	1021.2	12.9	-0.5	11.9		3	26	-73	1
86460 PASO DE LOS TOROS	3248S	05631W	75		1011.6	1020.8	13.9	-0.8	11.7		3	41	-55	2
86490 MERCEDES	3315S	05804W	22		1018.4	1020.5	13.2	-0.8	11.5		1	12	-67	1
86500 TREINTA Y TRES	3313S	05423W	46		1015.6	1021.3	13.8	0.0	11.6		1	17	-68	1
86560 COLONIA	3427S	05750W	23		1017.6	1020.5	14.8	-0.1	11.5		3	8	-74	1
86565 ROCHA	3429S	05418W	18		1018.7	1021.1	13.3	-0.7	12.7		4	41	-39	2
86580 CARRASCO	3450S	05600W	32		1016.4	1020.4	13.9	-0.2	11.9		5	33	-41	1
ARGENTINA														
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		674.2	3146 Z	6.1	-0.5	3.9	0.0				
87016 ORAN AERO	2309S	06419W	357		974.7	1016.2	17.2		16.4		2	15	3 74	95
87046 JUJUY AERO	2423S	06505W	904		915.1	1522 Y	13.7	0.1	12.1	0.0	1	1	-11	1 154 85
87047 SALTA AERO	2451S	06529W	1221		880.7	1517 Y	12.2	-1.1	10.9	-1.3	0	1	-8	1 164 104
87065 RIVADAVIA	2410S	06254W	205		990.8	1014.6	18.3	-0.8	15.5		2	6	-11	2
87078 LAS LOMITAS	2442S	06035W	130		1001.5	1017.0	17.8	-1.2	15.9	-1.0	8	66	14	5 193 100
87097 IGUAZU AERO	2544S	05428W	270		989.0	1019.6	17.6		16.8		4	40	1 164	110
87121 TUCUMAN AERO	2651S	06506W	450		964.6	1017.0	15.4		13.8					
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		992.8	1016.0	16.8	0.2	12.9	-1.1	3	30	16	5 159 98
87149 PRES. ROCHE SAENZ PENA AERO	2649S	06027W	92		1007.5	1018.3	17.8	-0.7	15.9	-0.5	2	6	-56	2 208 111
87155 RESISTENCIA AERO.	2727S	05903W	52		1012.7	1018.2			15.9	-1.0	2	4	-83	0 172 105
87162 FORMOSA AERO	2612S	05814W	60		1010.3	1017.4	18.5	-0.6	16.9	-0.9	2	18	-91	0 228 110
87178 POSADAS AERO.	2722S	05558W	125		1002.3	1017.6	18.1	0.1	13.3	-2.9	4	31	-90	1 212 121
87217 LA RIOJA AERO.	2923S	06649W	429		965.8	1015.5	14.8	-0.6	11.3	-0.8	1	8	4 5 232	116
87222 CATAMARCA AERO.	2836S	06546W	454		961.9	1014.6	15.1	-0.9	11.5	-0.6	2	13	2 4	
87257 CERES	2953S	06157W	88		1008.0	1018.4	14.5	-1.5	13.5	-1.5	2	25	-7	3 214 118
87270 RECONQUISTA AERO	2911S	05940W	53		1013.1	1019.4	16.1	-1.0	15.8	-0.6	3	10	-70	1 214 111
87305 JACHAL	3015S	06845W	1165		886.1	1503 Y	10.3	-1.7	8.5	0.2	1	2	1 4 263	125
87311 SAN JUAN AERO	3134S	06825W	598				11.1	-1.0	7.9	-0.7	0	1	0	4
87320 CHAMICAL AERO	3022S	06617W	461		963.6	1017.1	15.2		12.0		3	32	5 96	80
87322 CHEPES	3120S	06636W	658		942.3	1018.3	13.3	-0.9			1	10	4 4	
87328 VILLA DOLORES AERO	3157S	06508W	569		951.5	1017.0	14.6		11.2		4	31	5 155	90
87344 CORDOBA AERO	3119S	06413W	474		963.4	1018.8	-3.9	-18.0	11.9	0.1	3	61	38	5 183 100
87349 PILAR OBSERVATORIO	3140S	06353W	338		979.1	1019.0	13.4	-0.5	11.7	0.3	3	39	21	5 211 108
87374 PARANA AERO	3147S	06029W	78		1010.6	1019.9	14.5	-0.2	12.4	-1.2	3	36	-10	3 231 124
87395 CONCORDIA AERO	3118S	05801W	38		1016.3	1020.8	14.9	-0.6	13.2	-1.2	5	39	-43	2 104
87418 MENDOZA AERO	3250S	06847W	704		936.5	1017.9	11.1	-0.1	8.5	-0.5	2	9	2 4 164	85
87436 SAN LUIS AERO	3316S	06621W	713		935.7	1017.6	12.3	-0.7	9.8	0.4	4	54	44	5 197 95
87448 VILLA REYNOLDS AERO	3344S	06523W	486		961.2	1018.6	10.7	-2.1	10.4	0.3	6	42	24	4 185 10
87453 RIO CUARTO AERO	3307S	06414W	421		968.3	1017.8	12.7	-0.3	10.0	-0.5	3	23	-2	4
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1005.9	1019.5	13.0		16.0		5	43	3 195	120
87480 ROSARIO AERO	3255S	06047W	25		1016.0	1019.0	13.4	-0.1	12.8	0.1	3	40	-5	3 198 103
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1017.0	1019.9	12.5	-1.6	17.3	4.7	3	24	-42	2 164 92
87506 MALARGUE AERO	3530S	06935W	1425		859.4	1515 Y	7.0		6.8		2	15		3 120
87509 SAN RAFAEL AERO	3435S	06824W	748		931.3	1017.2	10.4	-1.0	9.7	1.5	2	23	16	5 200 110
87532 GENERAL PICO AERO	3542S	06345W	145		1001.4	1018.8	14.9		11.6		5	41	4 108	85

S AMER-ARGENTINA

S AMER-ARGENTINA

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
S AMERICA																
ARGENTINA	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%	
87534 LABOULAYE	3408S	06322W	137	1002.7	1019.2	12.2	-0.9	11.1	0.0	4	64	32	5	189	111	
87544 PEHUajo AERO	3552S	06154W	86	1008.7	1019.1	12.4	-0.7	11.5	0.1	4	58	9	4	168	105	
87548 JUNIN AERO	3433S	06057W	81	1009.5	1019.2	12.2	-0.3	10.5	-1.1	2	93	45	5	199	115	
87576 EZEIZA AERO	3449S	05832W	20	1018.0	1020.6	13.3	0.5	11.4	-0.5	1	7	-70	1	200	115	
87582 AEROPARQUE	3434S	05825W	6	1018.2	1020.2	15.1	-1.1	12.5	-1.1	1	8	1	1	200	115	
87585 BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25	1017.6	1020.6	14.9	0.8	12.2	-0.8	1	6	-68	1	177	102	
87596 PUNTA INDIO B.A.	3522S	05717W	22	1017.9	1020.6	13.0	0.0	12.4	-0.4	0	1	-51	0	212	110	
87623 SANTA ROSA AERO	3634S	06416W	191	995.0	1017.6	10.8	-0.3	10.2	-0.3	5	77	54	5	161	98	
87642 AZUL AERO	3645S	05950W	132	1003.8	1019.5	11.0	0.8	10.2	-0.5	3	70	-2	3	177	121	
87645 TANDIL AERO	3714S	05915W	175	998.4	1019.4	10.4	-1.0	9.5	-1.0	4	60	3	1	164	104	
87648 DOLORES AERO	3621S	05744W	9	1019.1	1020.2	11.4	-0.1	10.7	-0.8	2	14	-57	0	157	100	
87679 PIGUE AERO	3736S	06223W	304	982.3	1018.8	9.2	-1.6	9.2	-1.6	3	107	5	5	155	95	
87688 TRES ARROYOS	3820S	06015W	115	1005.5	1019.4	10.9	0.3	9.7	-0.6	3	106	49	5	159	100	
87692 MAR DEL PLATA AERO	3756S	05735W	21	1016.2	1018.7	11.5	0.1	12.3	0.5	5	49	-35	2	177	121	
87715 NEUQUEN AERO	3857S	06808W	271	985.8	1018.3	8.2	-1.0	6.8	-1.0	0	1	-14	1	161	105	
87736 RIO COLORADO	3901S	06405W	79	1009.1	1018.7	11.4	-0.3	9.7	-0.3	2	24	4	4	195	100	
87750 BAHIA BLANCA AERO	3844S	06210W	83	1009.6	1019.8	11.4	0.3	9.7	-0.3	2	57	23	5	147	110	
87763 CATEDRAL 2000	4115S	07137W	1955	803.1	1494	Y	1.6	4.2	3	31	100	0	0	185	155	
87765 BARILOCHE AERO	4109S	07110W	840	920.7	1484	Y	3.5	-1.7	5.6	-2.0	1	7	-128	0	163	100
87774 MAQUINCHAO	4115S	06844W	888	910.6	1451	Y	7.8	2.3	5.0	-1.8	4	13	-10	2	163	100
87791 VIEDMA AERO	4051S	06301W	7	955.4	1016.3	9.5	-0.6	9.4	0.4	28	-8	2	1	163	100	
87803 ESQUEL AERO	4258S	07109W	785	923.9	1016.2	4.6	-0.4	5.5	-1.0	5	7	-70	0	162	100	
87814 PASO DE INDIOS	4349S	06853W	460	959.6	1014.4	7.9	0.8	5.8	-0.9	1	4	-19	1	131	100	
87828 TRELEW AERO	4312S	06516W	43	1010.8	1016.2	9.4	-0.3	6.8	-0.9	2	9	-11	2	176	116	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46	1007.9	1013.2	10.4	1.0	7.0	0.2	2	22	-12	2	135	121	
87896 PUERTO DESEADO AERO	4744S	06555W	80	1004.0	1013.8	7.0	0.3	7.2	-0.3	5	25	-7	3	82	100	
87903 LAGO ARGENTINO AERO	5020S	07218W	220	982.7	1009.8	5.4	1.3	5.4	-0.5	10	60	23	5	145	125	
87909 SAN JULIAN AERO	4919S	06747W	62	1004.2	1011.8	6.9	1.4	6.6	5	55	24	5	131	100		
87925 RIO GALLEGOS AERO	5137S	06917W	19	1008.0	1010.4	5.4	1.9	6.1	-0.2	10	-7	2	86	80		
87934 RIO GRANDE B.A.	5348S	06745W	22	1001.6	1004.4	2.9	-0.1	6.2	-0.5	6	19	-17	1	101	100	
87938 USHUAIA B.A.	5448S	06819W	14			4.9	1.6	5.6	-1.4	9	47	-2	3	100	100	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 ESPERANZA B.E.	6324S	05659W	13	980.0	981.5	-3.8	6.3	5.0	2.4	9	24	31	100	0		
88968 ISLAS ORCADAS D.N. (OBS.)	6045S	04443W	6	990.3	991.8	-2.9	3.0	4.9	0.0	13	98	44	5	11	73	
89034 GENERAL BELGRANO II B.E.	7752S	03437W	0	944.1	976.0	-19.2			3	4				0	0	
89053 TENIENTE JUBANY E.C.	6214S	05838W	4	987.1	988.4	-0.9		4.9						0	0	
89066 GENERAL SAN MARTIN B.E.	6808S	06708W	4	972.6	973.1	-2.5		4.6		5	6			0	0	
SOUTH AFRICA (ANTARCTIC)																
89001 S.A.N.A.E. STATION	7018S	00221W	62	31	974.7	981.9										
GERMANY, F.R. (ANTARCTIC)																
89002 GEORG VON NEUMAYER	7037S	00822W	40	978.6	982.6	-20.9		1.0								
USA (ANTARCTIC)																
89009 AMUNDSEN-SCOTT	9000S	00000E	2800	669.8		-62.3	-5.1			0	T	T	5	0	0	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO "PDTE.	6215S	05856W	10	31	985.2	986.3	-1.1		5.0		16	46				
89057 BASE ARTURO PRAT	6230S	05941W	5	31	985.3	985.9	-1.0		5.0		15	34				
89059 BASE BERNARDO O'HIGGINS	6319S	05754W	10	31	983.1	984.3	-3.0		4.6		10	75				
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21	976.9	979.7	-21.1	-7.6	0.9		171	6	0	0	0	0	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06253E	16	977.9	979.6	-21.4		0.6						63		
89571 DAVIS	6835S	07758E	13	974.1	975.8	-19.8	-4.1	1.0		5	21	-2	4	34		
89611 CASEY	6616S	11032E	15	967.5	972.8	-13.9	-0.4	16.0		6	16	-22	2	10		

SW PAC-MALAYSIA

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
SW PACIFIC														
MALAYSIA (PENIN. MALAYSIA)	0°	0°	3	mb	mb	°C	°C	mb	mb	mm	b	b	b	b
48601 PENANG/BAYAN LEPAS	0518N	10016E	4	31	1007.7	1008.1	27.6	0.1	31.0	11	164	-27	3	21
48615 KOTA BHARU	0610N	10217E	5	31	1007.1	1007.7	27.8	0.0	29.8	10	87	-	-	
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22	31	1005.6	1008.1	27.9	0.7	30.3	9	46	-	-	
48657 KUANTAN	0337N	10313E	16	31	1006.9	1008.7	26.9	0.1	30.9	16	333	119	5	20
48665 MALACCA	0216N	10215E	9	31	1007.4	1008.5	27.1	0.1	30.9	11	92	-	-	18
SINGAPORE														
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1006.3	1008.1	27.3		31.2	11	194	3	161	90
USA (PACIFIC OCEAN NORTH)														
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45		1013.1	1018.3	23.9	-0.3	22.8	-0.2	6	33	-43	277
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5		1017.4	1017.9	25.8	1.0	20.5	-0.1	1	6	-31	2324
91245 WAKE ISLAND AIRFIELD, WAKE I	1917N	16639E	4		1014.3	1014.7	27.3	0.7	27.0	0.7	11	62	14	5324
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11		1016.9	1018.2	22.6	-0.5	22.3	0.0	23	503	271	568
91334 TRUK, CAROLINE IS.	0728N	15151E	2		1008.9	1009.2	27.8	0.3	30.2	0.1	25	342	-59	2139
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46		1003.3	1008.5	27.1	0.0	29.5	-0.5	24	504	-6	3166
91366 KWAJALEIN/BUCH. MARSHALL IS.	0844N	16744E	8		1009.1	1010.0	27.8	0.1	30.7	0.0	22	187	-99	2
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3		1009.4	1009.7	27.1	-0.2	30.6	1.9	20	284	-29	3241
91408 KOROR, PALAU IS.	0720N	13429E	33		1005.2	1009.0	28.0	0.1	31.3	0.0	21	416	83	4168
91413 YAP, CAROLINE IS.	0929N	13805E	17		1007.2	1009.1	27.3	-0.3	30.8	0.6	19	271	18	3262
SOLOMON ISLANDS														
91520 HONIARA/HENDERSON	0925S	16003E	9		1007.2	1008.2	25.9		27.2		14	158	4	214
VANUATU														
91554 PEKO A AIRPORT(ESPIRITU-SANTO)	1531S	16713E	56		1009.7	24.8	0.3	27.4	19	324	106	5		
91557 BAUERFIELD (EFATE)	1742S	16818E	21		1008.6	24.0	0.6	25.3	18	293	-	-	142	
91568 ANEITYUM	2014S	16946E	6		1012.6	23.5	0.6	20.4	16	175	-5	3	140	
NEW CALEDONIA														
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1009.4	22.7	0.3	21.4	5	46	-30	3	176	
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1005.1	21.9	-0.2	21.2	13	116	22	4	154	
NEW ZEALAND (KIRIBATI)														
91610 TARAWA	0121N	17255E	4		1008.3	27.5	-0.8	30.5	1.1	13	171	8	4	102
NEW ZEALAND (TUVALU)														
91643 FUNAFUTI	0831S	17913E	2		1009.1	28.1	-0.1	31.4	0.3	20	248	-4	3	111
FIJI														
91680 NANDI	1745S	17727E	18		1009.0	24.4	-0.4	25.1	1.8	11	244	6		79
91683 NAUSORI	1803S	17834E	7		1010.2	23.8	1011.1	26.3	19	448	5			
NEW CALEDONIA (DETACHED IS.)														
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27		1007.2	26.9	-0.2	29.6	0.0	9	61	-	237	110
SAMOA														
91762 APIA	1348S	17147W	2		1010.7	26.0	-0.6	31.0	1.8	12	132	-32	2	101
USA (SAMOA)														
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3		1011.4	27.0	0.4	29.1	0.1	14	197	-93	2	
NEW ZEALAND (COOK ISLANDS)														
91843 RAROTONGA	2112S	15949W	7			24.3		26.6		17	187	3		149
FRENCH POLY. (MARQUESAS)														
91925 ATUONA	0948S	13902W	52		1006.1	25.4	-0.7	26.4	0.6	13	143	43	5	217
FRENCH POLY. (SOCIETY IS.)														
91930 BORA-BORA	1627S	15145W	3		1012.7	25.9	-0.6	28.2	1.3	12	160	1	3	226
91938 TAHTI-FAAA	1733S	14937W	2		1013.3	26.0	0.2	26.8	1.6	4	61	-43	3	236
FRENCH POLY. (TUAMOTU IS.)														
91943 TAKAROA	1429S	14502W	3		1012.7	27.4	-0.1	27.8	0.7	9	35	-51	2	105
91944 HAO	1804S	14057W	3		1013.8	26.7	0.2	26.5	-1.7	7	85	-13	2	247

SW PAC-FRENCH POLY.

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	% OF AV.
SW PACIFIC														
FRENCH POLY. ITUAMOTU ISL	0°	0°	3											
91945 HEREHERETUE	1952S	14500W	3	1013.9	1014.3	25.9	0.2	25.3	-0.9	13	89	-54	3	245 115
91948 RIKITEA	2308S	13458W	89	1005.7	1015.9	23.6	-0.4	23.4	-0.1	12	183	53	4	157 90
FRENCH POLY. (AUSTRAL IS)														
91954 TUBUAI	2321S	14929W	3	1014.9	1015.2	24.1	1.1	23.5	1.0	7	78	-69	2	199 370
91958 RAPA	2737S	14420W	2	1014.7	1015.0	21.6	1.1	20.1	0.5	17	169	-108	2	130 110
NEW ZEALAND														
93012 KAITAIA	3508S	17316E	87	1006.2	1016.5	13.8		12.8		12	54	1		117
93119 AUCKLAND AIRPORT	3701S	17448E	6	1015.3	1016.0	13.8	-0.1	12.8	-0.4	13	87	-31	2	103
93291 GISBORNE AERODROME	3840S	17759E	8	1013.6	1014.6	12.5	0.8	11.9	0.8	17	290	6		82
93308 NEW PLYMOUTH AERODROME	3901S	17411E	36	1011.6	1016.0	12.2	0.0	11.7	-0.2	13	104	-1		100
93434 WELLINGTON	4117S	17446E	128	999.7	1015.4	12.0	0.9	11.7	0.8	17		123	3	85
93614 HOKITIKA AERODROME	4243S	17059E	40	1011.8	1016.7	10.4	0.6	10.5	0.2	14	236	-26	3	88
93780 CHRISTCHURCH AIRPORT	4329S	17233E	34	1011.7		8.7	-0.2	9.9	0.7	11	99	29	5	73
93844 INVERCARGILL AERODROME	4625S	16820E	1	1015.4	1015.5	8.1	0.4	8.8	-0.4	16	67	-40	1	116
93944 CAMPBELL ISLAND	5233S	16909E	19	1005.9	1008.2	7.1	1.1	8.6	0.3	20	98	-36	2	122
93986 CHATHAM ISLAND	4357S	17634W	48	1009.2	1015.1	11.2	0.8	11.8	1.2	11	59	1		56
93997 RAOUl ISLAND, KERMADEC IS.	2915S	17755W	49	1008.8	1014.6	18.5	-0.2	16.8	-0.6	17	184	42	4	97
PAPUA NEW GUINEA														
94014 MADANG M.O.	0513S	14548E	12	1007.9	1008.5	27.0	0.3	29.8	1.4	20	574	203	5	183 89
94027 LAE M.O.	0644S	14700E	9	1007.9	1008.9	27.1	1.0	29.1	0.6	19	277	-144	1	
94035 PORT MORESBY M.O.	0926S	14713E	47	1003.0	1008.3	27.1	0.3	28.3	0.4	4	43	-22	3	241 110
94044 MOMOTE M.O.	0204S	14726E	5	1007.9	1008.5	27.4	-0.2	30.7	-0.2	20	228	-13	3	165 110
AUSTRALIA														
94120 DARWIN AIRPORT	1224S	13052E	30	1006.7	1010.1	27.6	0.6	22.7	1.8	2	4	-20	3	326 112
94150 GOVE AIRPORT	1216S	13649E	54	1003.9	1010.1	26.1		25.8		4	33			275
94175 THURSDAY ISLAND	1035S	14213E	61	1002.3	1009.2	27.4	0.7	28.9	1.8	6	55	13	4	
94203 BROOME AIRPORT	1757S	12213E	9	1010.3	1011.3	25.5	0.7	14.3	-1.0	0	0	-35	2	
94212 HALLS CREEK AIRPORT	1813S	12739E	424	964.5	1012.6	24.5	1.4	11.0	0.4	2	3	-16	3	
94238 TENNANT CREEK AIRPORT	1938S	13410E	376	970.6	1013.5	22.8	1.3	12.0	2.7	0	0	-11	2	309 105
94287 CAIRNS AIRPORT	1653S	14545E	7	1011.0	1011.8	24.4	0.9	24.4	3.1	15	160	63	5	195
94294 TOWNSVILLE AIRPORT	1915S	14645E	6	1012.6	1013.3	23.9	1.6	21.5	3.9	9	138	102	5	191 85
94299 WILLIS ISLAND	1618S	14959E	9	1009.2	1010.2	25.7	-0.2	27.4	2.0	14	286	210	5	
94300 CARNARVON AIRPORT	2452S	11340E	7	1013.3	1014.1	21.9	1.7	14.2	0.9	6	41	-3	4	
94302 LEARMONT AIRPORT	2214S	11405E	6	1013.1	1013.7	23.1		16.2	2	56				4
94312 PORT HEDLAND AIRPORT	2022S	11837E	11	1012.0	1012.7	23.8	0.6	13.6	0.8	3	30	-2	4	
94326 ALICE SPRINGS AIRPORT	2348S	13354E	544	954.3	1017.5	15.8	0.1	10.9	1.3	2	6	-14	2	277 108
94332 MT ISA AIRPORT	2039S	13929E	342	974.1	1013.4	22.9		14.0		2	12	-9	4	287 100
94346 LONGREACH AIRPORT	2326S	14416E	193	992.7	1015.3	20.8	2.1	17.5	5.8	9	109	82	6	
94367 MACKAY	2107S	14913E	31	1010.5	1014.1	21.5	1.3	22.5	3.7	20	222	125	5	
94380 GLADSTONE	2351S	15116E	76	1007.2	1016.1	21.6	0.8	19.7	3.1	12	129	79	5	
94403 GERALDTON AIRPORT	2847S	11442E	34	1010.7	1014.7	19.6	1.4	13.7	0.7	13	150	75	5	
94430 MEEKATHARRA AIRPORT	2636S	11831E	518	956.7	1015.9	18.1	1.0	10.5	0.6	5	32	8	4	
94461 GILES	2502S	12818E	599	948.4	1016.6	16.9	-0.2	10.7	1.9	1	1	-18	2	273 106
94510 CHARLEVILLE AIRPORT	2625S	14616E	304	981.6	1017.1	18.7	3.2	15.4	4.2	11	199	169	6	
94527 MOREE	2928S	14951E	212	993.7	1018.8	17.5	2.6	15.0	4.2	6	65	26	5	177
94578 BRISBANE AIRPORT	2726S	15305E	6	1017.9	1018.5	19.7	1.1	18.2	3.7	15	167	86	5	136 60
94610 PERTH AIRPORT	3156S	11557E	12	1012.7	1016.2	16.7	0.8	12.1	-0.2	9	116	6	3	197 105
94637 KALGOORLIE AIRPORT	3046S	12127E	360	975.5	1017.5	14.5	0.2	10.8	0.1	8	66	37	5	
94638 ESPERANCE	3349S	12153E	26	1015.0	1018.1	15.6	0.2	12.9	0.5	12	90	6	3	
94646 FORREST AIRPORT	3050S	12806E	160	999.0	1018.1	15.3	1.1	12.3	1.7	8	33	16	5	
94653 CEDUNA AIRPORT	3207S	13342E	17	1017.1	1019.1	14.7	0.2	12.7	1.5	9	28	-16	2	178 90
94659 WOOMERA AERODROME	3109S	13648E	167	999.5	1019.4	14.6	0.0	12.7	2.3	4	59	38	5	191 87
94672 ADELAIDE AIRPORT	3456S	13831E	4	1019.2	1019.7	14.6	0.6	12.4	0.9	10	87	25	4	179 120
94693 MILDURA AIRPORT	3414S	14205E	53	1013.3	1019.7	13.4	0.3	12.5	1.8	6	69	40	5	
94711 COBAR	3129S	14549E	265	988.0	1019.5	15.5	1.4	13.6	3.2	8	51	16	4	163
94767 SYDNEY AIRPORT	3357S	15111E	3	1019.6	1020.1	16.9	1.5	15.2	2.9	14	140	48	5	131 70
94776 WILLIAMSTOWN AERODROME	3247S	15149E	11	1019.7	1020.7	16.8	2.1	16.2	3.3	14	102	-6	3	130 67
94791 COFFS HARBOUR AIRPORT	3019S	15307E	5	1019.1	1019.8	18.6	2.5	16.4	2.4	13	151	-11	4	151 70
94802 ALBANY AIRPORT	3457S	11748E	69	1008.9	1017.2	14.7	0.2	13.0	0.4	11	92	-15	3	
94821 MT GAMBIER AIRPORT	3744S	14047E	69	1010.9	1019.2	12.5	1.0	12.3	1.1	12	65	-8	3	136 95
94865 LAVERTON AERODROME	3751S	14444E	14	1017.1	1019.6	12.8	0.5	12.3	1.3	9	39	-18	2	130 110

SW PAC-AUSTRALIA

SURFACE

MAY 1989

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	MM	% OF AV.
SW PACIFIC AUSTRALIA														
94907 EAST SALE AERODROME	3806S	14708E	8	1019.3	1020.3	12.5	1.2	12.3	1.4	11	50	-7	3	141 95
94910 WAGGA AIRPORT	3509S	14727E	213	994.9	1020.4	13.3	2.0	12.3	2.0	10	76	21	4	150
94926 CANBERRA AIRPORT	3518S	14911E	577	952.9	1021.3	11.9	3.1	11.2	2.3	11	47	1	4	125 72
94975 HOBART AIRPORT	4250S	14730E	3	1017.9	1018.3	10.7	0.2	9.5	-0.2	7	25	-26	1	153 120
AUSTRALIA (ADDITIONAL IS.)														
94995 LORD HOWE ISLAND	3131S	15905E	46	1019.1	1019.8	19.5	0.9	15.9	-0.1	8	56	-118	0	
94996 NORFOLK ISLAND AIRPORT	2902S	16756E	109	1004.9	1017.7	18.5	0.1	14.8	-0.9	19	99	-31	3	194 115
94998 MACQUARIE ISLAND	5429S	15856E	6	1000.3	1001.0	5.1	1.0	7.7	-0.3	18	78	2	3	33 100
INDONESIA (SUMATRA)														
96035 MEDAN/POLOMIA	0334N	09841E	25	1004.6	1008.0	27.1	0.3	29.8		21	230	42	4	131 135
96073 SIBOLGA/PINANGSORI	0133N	09853E	3	1007.4	1008.1	26.2	-1.5	28.3		18	319	26	3	68 70
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31	1004.6	1008.5	25.8	-1.7	29.2		19	122	-77	2	
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10	1007.5	1009.0	27.8	0.6	30.6		13	271	38	4	217
96237 PANGKALPINANG/PANGKALPINANG	0210S	10608E	33	1004.0	1008.3	26.8	-0.1	29.3		19	201	-56	3	
MALAYSIA(SABAH & SARAWAK)														
96413 KUCHING	0129N	11020E	27	1006.4	1009.0	26.6	-0.2	29.8		19	249	-11	3	20
96441 BINTULU	0312N	11302E	5 31	1008.3	1008.8	26.9	0.2	31.0		12	125			21
96471 KOTA KINABALU	0556N	11603E	3 31	1007.7	1008.0	27.6	0.3	29.7		5	357	151	5	17
96481 TAWAU	0416N	11753E	20 31	1006.3	1008.5	27.0		30.6		12	124			17
INDONESIA (KALIMANTANI)														
96509 TARAKAN/JUWATA	0320N	11734E	6	1007.6	1008.6	26.9	-0.5	29.5						
96633 BALIKPAPAN/SEPINGGAN	0116S	11654E	3	1008.6	1009.3	27.1	-0.1							
INDONESIA (JAWA)														
96933 SURABAYA/PERAK	0713S	11243E	3	1008.7	1009.4	27.9	0.5	29.7		13	170	73	5	83 115
ISLANDS														
96996 COCOS ISLAND AIRPORT	1211S	09649E	3	1010.0	1010.3	27.1	0.2	27.2	-0.4	12	70	-116	2	
INDONESIA (SULAWESI)														
97014 MENADO/DR. SAM RATULANGI	0132N	12455E	80	1008.6	1009.1	26.5	0.3	29.8		20				14
INDONESIA (NUSATENGGARA)														
97230 DENPASAR/NGURAH-RAI	0845S	11510E	1	1009.1	1009.7	27.5	0.2	28.0		6				
97240 AMPENAN/SELAPARANG	0832S	11604E	3	1009.0	1011.0	26.1	-0.7	28.1		10	87	11	4	
97340 WAINGAPU/MAU HAU	0940S	12020E	12	1009.0	1010.5	26.2	-1.3	26.5		2	29	-1	4	239
97372 KUPANG/EL TARI	1010S	12340E	108	997.0	1008.7	28.1	0.9	25.5		2	45	9	4	232
PHILIPPINES														
98135 BASCO	2027N	12158E	11	1007.7	1008.9	27.8	-0.1	28.1	-2.3	14	289	149	5	
98223 LAOAG	1811N	12032E	5 31	1004.4	1005.0	29.1				9	.81			3
98232 APARRI	1822N	12138E	4	1008.9	1009.2	29.0	-0.1	31.6	1.5	13	106	13	4	
98233 TUGUEGARAO	1737N	12144E	24	1001.3	1008.3	29.6		28.1		14	112	4	236	55
98325 DAGUPAN	1603N	12020E	2	1007.3	1007.5	29.6	0.1	33.6	3.4	11	156	-76	3	
98328 BAGUIO	1625N	12036E	1501		1002.9	21.1				20	334	4	185	
98429 MANILA INTL AIRPORT	1431N	12100E	15	1006.7	1009.1	29.3	-0.1	31.6	3.2	11	179	54	5	
98444 LEGASPI	1308N	12344E	17	1006.6	1008.5	28.4	0.4	31.6	2.0	14	261	64	4	
98550 TACLOBAN	1115N	12500E	21	1007.8	1008.1	27.4	-0.7	31.6	1.3	17	334	186	5	
98637 ILOILO	1042N	12234E	8	1006.2	1007.5	28.7	0.1	33.6	3.0	13	254	132	5	
98644 TAGBILARAN	0936N	12351E	6	1006.5	1007.2	28.3		31.6		14	125			
98646 MACTAN	1018N	12358E	9	1007.7	1009.1	29.0		31.6		11	99			
98653 SURIGAO	0948N	12530E	1	1003.1	1009.4	27.9	0.1	31.6	0.7	19	234	61	4	
98836 ZAMBOANGA	0654N	12204E	6	1006.2	1006.9	28.0	0.4	31.6	1.7	15	79	-13	3	187 190
SHIP SITE														
OCEAN WEATHER STATIONS														
99030 CHARLIE	5245N	03530W	0		1019.4	6.3 S 6.7			8.3		9	30		

AFRICA-LIBYAN ARAB JAMAHIR SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MM	TOTAL	MM	DEPARTURE	QUINTILE	TOTAL	% OF AV.
NOV 1988	0°	0°	8															
AFRICA																		
LIBYAN ARAB JAMAHIRIYA																		
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81	30	1008.7	1018.1	18.0	0.4	15.0	2.9	3	21	-27	2			76	
62053 BENINA	3205N	02016E	132	30	1003.4	1019.0	17.3	-0.9	12.9	-0.8	3	9	-16	2			99	
62124 SEBHA	2701N	01426E	432	30	967.8	1018.0	19.0	1.2	8.1	-1.5	1	4	2	5			100	
62271 KUFR A	2413N	02318E	435	30	971.5	1018.6	18.4	0.1	6.2	-1.2	0	0	0	0			102	
JAN 1989																		
AFRICA																		
LIBYAN ARAB JAMAHIRIYA																		
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81	31	1018.4	1028.2	11.7	-0.5	10.3	0.6	8	48	-4	4			90	
62271 KUFR A	2413N	02318E	435	31	976.9	1025.7	10.2	-2.7	5.6	-0.2	0	0	-1	5				
FEB 1989																		
EUROPE																		
SYRIAN ARAB REPUBLIC																		
40001 KAMISHLI	3703N	04113E	455	28	965.7	1020.2	8.1	-7.2	5.0	-0.1	4	21	21	6			73	
40007 ALEPO	3611N	03713E	393	28	975.6	1023.3	6.6	-1.0	5.3	-2.5	3	4	-46	0			65	
40022 LATTAKIA	3532N	03546E	7	28	1020.6	1021.5	12.1		7.8		5	42					76	
40030 HAMA	3508N	03643E	309	28	985.8	1023.5	6.3		5.7		4	8						
40045 DEIR EZZOR	3519N	04009E	212	28	996.3	1022.2	7.3	-2.2	5.1	-2.6	3	1	-27	1			80	
40061 PALMYRA	3433N	03818E	404	28	973.3	1021.9	7.6	-1.6	5.0	-2.2	2	3	-14	2			81	
40080 DAMASCUS NEW INTL AIRPORT	3325N	03631E	611	28	948.5	1020.9	6.4	-2.1	5.4	-1.5	4	7	-25	1			78	
AFRICA																		
LIBYAN ARAB JAMAHIRIYA																		
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81	28	1014.2	1023.8	12.9	-0.3	9.8	0.9	3	13	-25	2			78	
62053 BENINA	3205N	02016E	132	28	1007.4	1023.2	12.7	-0.6	11.1	0.0	5	29	-6	3			88	
62124 SEBHA	2701N	01426E	432	28	972.6	1024.1	12.9	-1.5	5.8	-0.8	0	0	-1	0			100	
62271 KUFR A	2413N	02318E	435	28	974.9	1023.3	12.3	-3.0	4.6	-0.5	0	0	0	0			101	
MAR 1989																		
AFRICA																		
LIBYAN ARAB JAMAHIRIYA																		
62053 BENINA	3205N	02016E	132	31	999.6	1015.3	15.5	0.3	12.2	1.2	7	112	-1	0			111	
62124 SEBHA	2701N	01426E	432	31	965.2	1015.5	17.5	-0.8	6.3	-1.1	0	0	-1	0			98	
62271 KUFR A	2413N	02318E	435	31	968.2	1015.2	18.3	-1.0	5.1	-0.1	0	0	0	0			109	
APR 1989																		
EUROPE																		
FRANCE																		
07761 AJACCIO	4155N	00848E	9		1008.6	1009.3	13.4	1.1	12.5	1.3	13	106	57	5			415	
ASIA																		
BANGLADESH																		
41883 BOGRA	2451N	08922E	20		1002.1	1004.2	29.4		27.9		2	4					256	
41891 SYLHET	2454N	09153E	35		1005.9	1010.0	26.6		23.4		14	313					195	
41923 DHAKA	2346N	09023E	9		1004.7	1005.8	30.6		27.8		4	85					253	
41936 JESSORE	2311N	08910E	7		1004.4	1005.1	30.9		28.1		3	41					261	
41978 CHITTAGONG (PATENGA)	2216N	09149E	6		1006.8	1007.3	28.3		28.4		4	220					253	
41992 COX'S BAZAR	2126N	09158E	4		1007.5	1007.9			28.8		5	161					253	
INDIA																		
42391 DARBHANGA	2610N	08554E	49		1001.1	1006.9	25.8	-2.7	20.0	0	0	-18	2					
42933 AKOLA	2042N	07702E	282		974.9	1005.4	32.3	-0.5	11.9	-0.2	0	0	-6	3				

ASIA-JAPAN

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	OC	DEPARTURE	MEAN mb	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.
APR 1989	0	0	0												
ASIA															
JAPAN															
47971 CHICHIJIMA	2705N	14211E	8		1013.3	1014.2	20.9	-0.6	19.6		8	148	39	4	
47991 MINAMITORISHIMA	2418N	15358E	9		1013.2	1014.2	23.4		24.7		6	19			
AFRICA															
EGYPT															
62306 MERSA MATRUH	3120N	02713E	30		1011.5	1014.9									
62366 CAIRO	3008N	03124E	74		1004.1	1012.8	-23.9	-45.3	17.0	6.4	0	0	-1	0	
62378 HELWAN	2952N	03120E	141		995.9	1012.4	-24.6	-45.7	15.7	6.3	0	0	-1	0	310
62414 ASSWAN	2358N	03247E	194		986.4	1085.0	-28.9	-55.9	10.6	4.4	0	0	0	0	292
62432 DAKHLA	2529N	02900E	111		999.0	1011.9	-25.5	-49.0	9.9	3.1	0	0	0	0	
N AMERICA															
MEXICO															
76225 UNIV. DE CHIHUAHUA, CHIH.	2838N	10605W	1435		858.6	1010.3	20.5	0.8	8.2	1.0	1				277
76525 ZACATECAS,ZAC.(LA BUFA,ZAC)	2247N	10234W	2612		747.7	1009.5	15.1	-0.5	4.9				29	460	
76644 AEROP. INTL MERIDA, YUC.	2059N	08939W	9		1012.3	1013.3	26.6	-0.9	23.5		5	369	351	6	321
76665 MORELIA, MICH.	1942N	10111W	1913		811.2	1007.9	19.9	-0.2	9.3		0	0	-22	0	279
76750 CHETUMAL, Q.ROO	1830N	08818W	3		1008.4	1009.4	27.9	0.4	26.2	-5.5					277
S AMERICA															
PARAGUAY															
86097 PEDRO JUAN CABALLERO	2235S	05539W	662		938.4		21.9	0.3	23.0		6	55	-60	2	

EUROPE-POLAND

SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN	STATION	MEAN	SEA LEVEL	MEAN	DEPARTURE	DAYS 1 MM	101 AL	% OF AV.
APR 1989	0	0	b										
EUROPE													
POLAND													
12295 BIALYSTOK	5306N	02310E	151										86
12330 POZNAN	5225N	01650E	92										91
12424 WROCLAW II	5106N	01653E	121										144

EUROPE-NORWAY

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		mps	mb	gpm		°C	°C		%	o	mps		
EUROPE - NORWAY																										
JAN MAYEN																										
01001 7056N 00840W OB 3																										
030	24066	11	-46.8	30.8	9	41	127	2	030	24066	0	-46.7	34.3	0	50	115	2	030	24148	0	-47.9	6	73	31		
050	20686	4	-47.4	30.1	5	35	215	2	050	20687	0	-47.2	32.8	0	50	267	2	050	20731	0	-48.7	5	235	1		
100	16106	4	-47.0	30.2	5	62	247	5	100	16106	0	-46.9	32.3	0	78	254	5	100	16191	0	-48.7	3	255	6		
150	13413	4	-45.4	30.3	4	67	254	7	150	13407	0	-44.7	32.0	0	80	256	7	150	13510	0	-46.0	8	259	9		
200	11493	4	-45.0	29.9	4	66	253	8	200	11480	0	-44.3	30.7	0	80	260	8	200	11596	0	-47.1	8	260	11		
300	8816	3	-49.7	13.1	3	50	261	8	300	8786	0	-48.8	15.6	0	69	264	9	300	8919	0	-48.0	5	2	103		
500	5343	3	-28.9	9.0	3	41	251	4	500	5323	0	-30.2	7.4	0	63	257	7	500	5416	0	-27.1	6.9	0	78	262	
700	2857	3	-13.8	8.7	3	29	240	2	700	2850	0	-14.3	7.2	0	54	252	5	700	2911	0	-11.5	4.9	0	84	252	
850	1361	3	-7.0	5.5	4	15	248	1	850	1354	0	-6.5	3.9	0	21	248	2	850	1395	0	-3.3	2.9	0	81	245	
1009	*	9	-1.1	2.1				1006	*	18	-0.1	1.3					1010	*	8	6.6	2.0					
ORLAND																										
OSLO/GARDERMOEN																										
01241 6342N 00936E OB 3																										
030	24031	1	-49.9	29.0	1	70	69	4	030	24016	0	-50.2	32.8	0	76	82	4	030	24001	4	-50.6	6	90	3		
050	20697	1	-50.6	28.6	1	9	192	1	050	20692	0	-51.7	32.1	0	29	166	1	050	21480	1	-52.5	4	260	1		
100	16195	1	-51.0	28.2	2	63	268	5	100	16215	0	-52.9	31.2	0	45	280	3	100	16228	0	-53.7	0	270	4		
150	13541	1	-46.4	28.4	2	80	267	10	150	13589	0	-51.2	29.1	0	74	275	9	150	13613	0	-52.0	5	270	9		
200	11647	1	-49.0	24.1	1	83	268	15	200	11724	0	-52.8	21.5	0	80	276	15	200	11756	0	-54.5	4	270	16		
300	8993	1	-48.6	11.4	1	80	268	21	300	9097	0	-47.8	11.0	0	76	275	20	300	9138	0	-47.5	7	2	203		
500	5480	1	-25.7	9.4	1	81	262	15	500	5550	0	-23.1	12.3	0	79	267	14	500	5577	0	-22.0	8.0	0	79	265	
700	2963	1	-10.2	7.8	1	82	261	11	700	3006	0	-7.1	12.0	0	75	265	8	700	3021	0	-6.3	5.1	0	77	265	
850	1442	1	-1.5	3.9	1	83	256	10	850	1468	0	1.8	7.5	0	57	263	5	850	1481	0	0.9	5.1	0	55	255	
1013	*	10	8.3	1.8				992	*	201	10.1	8.7					1015	*	33	9.9	5.1					
SODANKYLA																										
JYVASKYLA																										
02836 6722N 02639E OB /																										
030	24048	0	-48.8		0	71	82	2	030	24020	1	-50.3		0	74	93	3	030	23992	0	-50.7		81	94		
050	20697	0	-49.5		0	12	288	1	050	20693	1	-51.2		0	9	79	1	050	20676	0	-52.0		16	118		
100	16665	0	-49.4		0	66	274	5	100	16198	0	-51.6		0	56	276	4	100	16197	0	-52.4		52	272		
150	13494	0	-46.9		0	75	272	8	150	13558	0	-49.8		0	68	273	8	150	13569	0	-51.0		67	275		
200	11587	0	-47.0		0	75	271	11	200	11677	0	-50.8		0	72	275	12	200	11700	0	-52.2		70	278		
300	8922	0	-48.9	10.1	0	73	266	16	300	9041	0	-48.7	10.3	0	67	274	17	300	9080	0	-48.9	9.3	0	66	278	
500	5427	0	-27.2	7.2	0	71	263	11	500	5515	0	-24.5	9.6	0	68	270	12	500	5543	0	-23.6	10.3	0	67	273	
700	2922	0	-11.0	5.9	0	69	263	7	700	2983	0	-8.3	10.8	0	68	271	8	700	3002	0	-7.3	11.0	0	67	270	
850	1402	0	-1.4	4.0	0	64	259	5	850	1452	0	0.8	6.2	0	65	264	6	850	1465	0	1.6	6.8	0	61	268	
988	*	179	7.3	6.4				998	*	145	10.1	9.8					1003	*	103	10.6	7.9					
LERWICK																										
STORNOWAY																										
03005 6008N 00111W OB 3																										
030	23958	5	-50.7			4	75	90	3	030	23929	0	-52.1			0	71	92	3							
050	20649	2	-52.4			0	25	180	1	050	20645	0	-54.3			0	27	122	1							
100	16188	1	-53.4		0	70	250	7	100	16189	1	-53.8		0	61	255	6	100	16228	0	-56.5		55	269	4	
150	13568	0	-51.3		0	79	257	12	150	13577	0	-52.2		0	77	255	12	150	13651	0	-55.9		74	269	8	
200	11703	0	-53.4		0	83	259	18	200	11722	0	-53.8		0	79	258	18	200	11832	0	-58.6		75	265	12	
300	9084	0	-48.3		0	76	261	23	300	9130	0	-48.0		0	76	259	22	300	9242	0	-47.4		69	261	13	
500	5539	0	-23.3	8.1	0	74	256	16	500	5559	0	-22.6	9.0	0	76	256	16	500								

EUROPE-DENMARK

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING	MEAN	DEP POINT	MISSING	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING	MEAN	DEP POINT	MISSING	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING	MEAN	DEP POINT	MISSING	STEADINESS	DIRECTION			
mb	gpm	%	°C	°C	%	°	mps	mb	gpm	%	°C	°C	%	°	mps	mb	gpm	%	°C	°C	%	°	mps			
EUROPE - DENMARK (GREENLAND) EGEDESMINDE																										
04220 6842N 05245W OB 3																										
030	24018	0	-46.3		1	65	139	3	030	24004	0	-48.5		0	50	108	2	030	24043	1	-45.6		1	20	153	2
050	20622	0	-47.2		0	39	203	2	050	20657	0	-50.1		0	41	224	2	050	20644	1	-46.2		1	47	216	2
100	16056	0	-47.2		0	63	245	5	100	16143	0	-49.9		0	77	262	7	100	16043	1	-46.3		1	61	222	4
150	13359	0	-45.2		0	69	240	7	150	13483	0	-48.5		0	84	262	12	150	13345	1	-45.4		1	57	237	5
200	11435	0	-44.6		0	75	239	9	200	11591	0	-48.6		0	84	261	15	200	11425	1	-45.5		1	55	246	5
300	8744	0	-48.5		0	65	233	12	300	8919	0	-46.7		0	77	261	18	300	8762	1	-52.3		1	43	269	6
500	5285	0	-31.3	8.1	0	67	213	9	500	5402	0	-26.6	10.2	0	65	265	10	500	5314	1	-30.7	12.7	1	34	288	3
700	2828	0	-16.8	6.6	0	73	194	7	700	2898	0	-12.1	6.4	5	1	253	5	700	2851	1	-15.9	12.8	1	38	309	3
850	1348	0	-9.3	7.5	0	62	186	4	850	1390	0	-4.2	6.7	0	11	200	1	850	1369	1	-10.2	9.7	1	57	313	3
*	40		-3.3	3.2				1011	*	4	2.3	4.3					1012	*	14	-6.7	4.3					
EUROPE - DENMARK (GREENLAND)																										
04339 7029N 02158W OB 3																										
030	24052	0	-46.5		0	55	126	2	030	24033	0	-47.2		0	45	115	2	030	24035	0	-49.4		1	65	100	3
050	20671	0	-47.2		0	42	211	2	050	20662	0	-48.5		0	42	184	2	050	20696	0	-50.7		1	33	186	2
100	16090	0	-47.4		0	60	240	6	100	16111	0	-48.5		0	68	250	6	100	16190	0	-51.1		1	70	247	8
150	13400	0	-45.7		0	58	246	7	150	13432	0	-46.4		0	75	254	8	150	13537	0	-48.6		1	74	251	12
200	11482	0	-45.6		0	58	251	8	200	11521	0	-46.5		0	76	257	11	200	11644	0	-48.8		1	76	252	16
300	8812	0	-50.5		0	41	240	7	300	8846	0	-48.7		0	69	261	12	300	8993	0	-48.3		1	72	253	24
500	5343	0	-29.1	8.7	0	29	250	3	500	5360	0	-28.6	10.0	0	39	269	5	500	5468	0	-24.9	9.3	0	71	249	18
700	2866	0	-15.3	9.3	0	24	323	2	700	2875	0	-13.5	9.4	0	7	342	1	700	2942	0	-9.6	12.6	0	73	245	12
850	1379	0	-8.7	8.2	0	51	359	3	850	1373	0	-5.2	9.9	0	35	38	3	850	1421	0	-2.0	4.4	0	62	248	9
1005	*	66	-4.2	3.3				1004	*	52	-0.4	3.4					1007	*	55	7.1	3.1					
EUROPE - DENMARK & FAROE IS.																										
04360 6536N 03738W OB 3																										
030	24052	0	-46.5		0	55	126	2	030	24033	0	-47.2		0	45	115	2	030	24035	0	-49.4		1	65	100	3
050	20671	0	-47.2		0	42	211	2	050	20662	0	-48.5		0	42	184	2	050	20696	0	-50.7		1	33	186	2
100	16090	0	-47.4		0	60	240	6	100	16111	0	-48.5		0	68	250	6	100	16190	0	-51.1		1	70	247	8
150	13400	0	-45.7		0	58	246	7	150	13432	0	-46.4		0	75	254	8	150	13537	0	-48.6		1	74	251	12
200	11482	0	-45.6		0	58	251	8	200	11521	0	-46.5		0	76	257	11	200	11644	0	-48.8		1	76	252	16
300	8812	0	-50.5		0	41	240	7	300	8846	0	-48.7		0	69	261	12	300	8993	0	-48.3		1	72	253	24
500	5343	0	-29.1	8.7	0	29	250	3	500	5360	0	-28.6	10.0	0	39	269	5	500	5468	0	-24.9	9.3	0	71	249	18
700	2866	0	-15.3	9.3	0	24	323	2	700	2875	0	-13.5	9.4	0	7	342	1	700	2942	0	-9.6	12.6	0	73	245	12
850	1379	0	-8.7	8.2	0	51	359	3	850	1373	0	-5.2	9.9	0	35	38	3	850	1421	0	-2.0	4.4	0	62	248	9
1005	*	66	-4.2	3.3				1004	*	52	-0.4	3.4					1007	*	55	7.1	3.1					
EUROPE - DENMARK & FAROE IS. THORSHAVN																										
06011 6201N 00646W OB 3																										
030	24015	0	-50.8		0	78	96	3	030	23973	2	-52.0		1	67	95	3	030	24097	5	-49.3		5	79	110	4
050	20705	0	-52.8		0	31	100	1	050	20684	2	-54.5		0	9	80	1	050	20781	2	-52.6		2	33	121	2
100	16251	0	-54.5		0	44	281	3	100	16265	2	-56.3		0	39	294	3	100	16327	0	-54.7		1	38	275	2
150	13651	0	-53.8		0	59	287	6	150	13694	2	-56.6		0	60	297	6	150	13735	0	-55.2		1	53	296	5
200	11812	0	-56.4		0	65	290	10	200	11871	1	-59.3		0	57	303	8	200	11909	1	-57.6		1	50	308	7
300	9207	0	-47.1	8.5	0	61	287	13	300	9278	0	-47.0		0	47	299	8	300	9302	0	-45.5		1	41	312	7
500	5632	0	-20.8	14.1	0	64	274	10	500	5688	0	-19.1	13.8	0	50	284	6	500	5695	0	-18.2	6.2	1	34	304	4
700	3060	0	-4.0	16.7	0	63	271	7	700	3096	0	-1.9	14.8	0	52	276	4	700	3098	0	-1.7	5.9	1	25	301	2
850	1506	0	3.5	10.4	0	59	268	5	850	1530	0	6.2	9.5	0	30	266	2	850	1530	0	6.7	4.1	1	10	329	1
962	*	491	14.9	7.4		34	71	3	991	*	103	12.1	1.9					1000	*	168	13.6	3.8				
EUROPE - SWITZERLAND LIECHTENSTEIN PAYERNE																										
06610 4649N 0																										

EUROPE-FRANCE

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION o	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION o	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION o	SPEED mps		
EUROPE - FRANCE NIMES/COURBESSAC 07645 4352N 00424E 0B 1																												
030	23960	10	-52.8						030	23960	6	-52.9					030	23969	6	-52.9				0	60	79	2	
050	20694	7	-56.5						050	20695	15	-56.4					050	20688	1	-56.5				0	9	343	1	
100	16315	4	-57.1						100	16336	6	-57.2					100	16311	0	-57.6	10.0			0	73	265	4	
150	13743	4	-56.4						150	13755	4	-55.6					150	13747	0	-57.1				0	58	259	4	
200	11934	4	-59.5						200	11935	4	-58.1					200	11937	0	-58.3				0	23	222	2	
300	9341	4	-45.2						300	9323	3	-44.9					300	9333	0	-45.6	11.6			0	23	179	3	
500	5724	4	-16.8	12.7					500	5708	3	-17.4	11.3				500	5715	0	-17.0	16.0			0	18	155	2	
700	3110	3	0.2	11.1					700	3099	2	-0.7	8.5				700	3104	0	0.2	13.0			0	20	130	1	
850	1525	2	9.0	9.7					850	1518	1	9.5	7.5				850	1517	0	10.6	11.5			0	26	127	1	
1012	* 62		14.4	5.1					1017	*	9	20.9	6.8				1009	*	67	17.2	4.2							
EUROPE - SPAIN MADRID/BARAJAS 08221 4030N 00335W 0B 3																												
030	23974	1	-52.8						030	23953	23	-52.9	32.7	9	33	34	1	030	23910	1	-54.2				1	28	19	1
050	20706	0	-56.9						050	20695	4	-57.9	30.1	4	16	350	1	050	20677	1	-58.3				1	8	289	1
100	16339	0	-57.8						100	16351	4	-59.1	29.6	5	87	273	8	100	16353	1	-60.3				1	92	263	10
150	13777	0	-57.2						150	13803	2	-57.8	26.4	2	82	271	12	150	13813	1	-58.5				1	96	263	16
200	11963	0	-58.4						200	11994	2	-58.9	16.1	4	70	267	13	200	12007	1	-58.2				1	86	259	19
300	9353	0	-44.8	14.6					300	9381	0	-44.4	14.1	2	54	261	9	300	9385	1	-43.8				1	83	251	16
500	5727	0	-16.6	17.8					500	5746	0	-15.8	23.5	1	52	250	6	500	5746	1	-15.6	16.4			1	68	239	9
700	3111	0	0.9	13.3					700	3120	0	1.9	15.1	0	32	261	2	700	3117	1	2.4	12.9			1	57	227	5
850	1519	0	11.4	11.4					850	1525	0	11.6	13.2	1	18	67	1	850	1521	1	11.6	10.8			1	49	132	4
944	* 633		18.3	10.5					1010	*	62	19.0	7.4				1017	*	4	18.7	3.9							
EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 3846N 00908W 0B 3																												
030	23962	5	-53.3						030	24036	1	-51.5					030	23986	1	-52.1				0	77	99	2	
050	20703	4	-57.1						050	20735	1	-53.5					050	20697	1	-54.5				0	28	106	1	
100	16346	2	-58.5						100	16292	2	-54.6	8.3	0		275	1	100	16269	1	-55.4	7.8			0	34	287	1
150	13870	2	-56.9	24.8	4				150	13694	2	-54.0	6.8	0		300	3	150	13682	0	-55.2	6.5	0		0	41	317	2
200	11965	1	-56.5	17.4	3				200	11855	2	-56.4	5.5	0		305	4	200	11854	0	-57.8	5.2	0		0	42	326	3
300	9337	0	-44.7	13.2	1				300	9252	2	-47.5	5.7	0		297	5	300	9263	0	-47.3	5.8	0		0	36	320	3
500	5704	0	-16.7	16.3	2				500	5671	2	-19.7	9.9	0		286	4	500	5676	0	-19.5	10.0	0		0	37	313	3
700	3100	0	0.8	15.4	2				700	3087	2	-2.9	10.5	0		280	3	700	3090	0	-2.8	9.9	0		0	36	303	2
850	1512	0	10.3	9.8	3				850	1526	2	5.0	7.1	0		282	2	850	1526	0	5.7	6.3	0		0	30	310	1
1004	* 105		18.0	6.3					1020	*	6	9.5	2.9					1007	*	115	11.6	5.5						
EUROPE - GERMAN DEMOCRATIC REPUBLIC MEININGEN 09548 5034N 01023E 0B 1																												
030	23975	3	-52.7						030	23967	0	-52.1		0	75	97	3	030	23963	0	-52.7				1	77	102	3
050	20691	1	-55.0						050	20677	0	-54.1		0	32	115	1	050	20681	0	-54.8				0	23	122	1
100	16278	0	-55.6	8.1	0				100	16249	0	-55.7		0	48	281	3	100	16264	0	-55.7				0	37	294	2
150	13697	0	-55.9	7.0	0				150	13664	0	-55.1		0	61	291	6	150	13684	0	-56.1				0	53	309	5
200	11874	0	-58.0	5.9	0				200	11838	0	-57.6	6.5	0	64	293	10	200	11864	0	-58.4	8.0			0	49	317	2
300	9278	0	-47.0	6.8	0				300	9240	0	-47.1	6.9	0	61	286	12	300	9272	0	-46.9	8.7	0		0	43	314	7
500	5686	0	-19.0	10.7	0				500	5655	0	-19.7	9.6	0	62	282	9	500	5681	0	-19.1	12.6	0		0	47	294	6
700	3095	0	-2.3	12.2	0				700	3073	0	-3.5	12.0	0	62	269	7	700	3093	0	-2.5	14.4	0		0	42	290	4
850	1528	0	6.5	7.1	0				850	1515	0	4.2	8.0	0	51	265	5	850	1530	0	5.5	7.1	0		0	26	277	2
968	* 453		10.4	5.4					1015	*	50	12.3	6.0				1015	*	55	14.7	8.9							
EUROPE - GERMANY, FEDERAL REPUBLIC BERLIN-TEMPELHOF 10384 5229N 01325E 0B 3																												
030	23939	0	-52.2						030	23943	0	-52.3		0	76	96	3	030	23927	1	-52.5				0	77	101	3
050	20656	0	-54.6						050	20661	0	-54.7		0	25	118	1	050	20651	0	-55.5				0	27	137	1
100	16235	0	-56.6	11.2	0				100	16241	0	-56.5	11.2	0	39	286	3	100	16248	0	-56.8	11.6	0		0	42	290	3
150	13669	0	-56.7	10.4	0				150	13673	0	-56.6	10.4	0	49	307	5	150	13675	0	-56.3	11.0	0		0	46	328	5
200	11856	0	-59.4	9.2	0				200	11858	0	-59.2	9.2	0	53	319	7	200	11858	0	-58.9	9.8	0		0	46	341	7
300	9270	0	-47.3	9.6	0				300	9270	0	-47.3	9.6	0	40	321	7	300	9273	0	-47.5	9.8	0		0	28	348	5
500	5685	0	-19.2	13.9	0				500	5685	0	-19.2	13.9	0	36	304	4	500	5687	0	-19.2	14.1	0		0	27	351	3
700	3095	0	-2.2	0.0	0				700	3095	0	-2.2	15.2	0	37	293	3	700	3098	0	-2.3	10.8	0		0	20	17	2
850	1529	0	6.1	8.3	0				850	1529	0	6.1	8.3	0	13	268	1	850	1529	0	7.1	7.4	0		0	26	86	2
1003	* 46		15.6	8.5					1002	*	153	15.5	8.4				983	*	315	15.9	8.3							

EUROPE-GERMANY, FED REP

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND										
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps	mb	gpm		°C	°C	%	°	mps
EUROPE - GERMANY, FEDERAL REPUBLIC MUENCHEN-OBERSCHLEISHEIM 10868 4815N 01133E 0B 3																															
030	23928	0	-52.4		0	83	104	3	030	23958	2	-52.6		2	79	107	3	030	23951	26	-52.5		9	84	72	4					
050	20651	0	-55.4		0	28	148	1	050	20677	1	-55.0		1	40	147	2	050	20678	8	-54.6		9	28	51	1					
100	16249	0	-56.4	12.5	0	43	284	3	100	16258	0	-55.2		0	55	266	3	100	16253	0	-55.5	7.5	1	23	277	1					
150	13672	0	-56.0	11.8	0	44	330	4	150	13668	0	-54.4		0	44	305	4	150	13668	0	-55.2	7.2	1	32	325	3					
200	11848	0	-58.1	10.2	0	44	354	7	200	11834	0	-56.8		0	34	13	6	200	11839	0	-57.4	6.3	1	38	355	7					
300	9265	0	-47.8	10.2	0	29	355	5	300	9244	0	-47.7		0	34	16	5	300	9253	0	-48.1	6.8	1	34	355	7					
500	5680	0	-19.3	13.6	0	33	9	4	500	5663	0	-19.7	11.7	0	36	16	5	500	5673	0	-19.8	9.8	0	29	357	4					
700	3095	0	-2.9	9.3	0	21	41	2	700	3081	0	-3.1	7.4	0	41	24	4	700	3090	0	-2.9	10.0	0	23	5	2					
850	1529	0	6.9	6.7	0	25	61	2	850	1518	0	6.1	6.5	0	45	13	4	850	1525	0	6.2	5.3	0	28	17	2					
964	* 489	13.4	6.5						996	* 200	15.4	7.2						984	* 304	0	14.6	8.1									
EUROPE - CZECHOSLOVAKIA POPRAD/GANOVICE 11952 4902N 02019E 0B 3																															
030	23989	4	-53.6		5	71	100	2	030									030													
050	20721	0	-55.3		0	41	171	2	050									050													
100	16300	0	-54.8	7.9	0	56	255	3	100	16269	22	-54.0		22	46	265	3	100	16284	20	-54.4		20	29	285	2					
150	13703	0	-53.8	5.9	0	85	359	5	150	13668	27	-54.0		27	39	295	4	150	13689	26	-54.4		26	37	310	3					
200	11865	0	-56.5	5.8	0	31	343	7	200	11831	29	-56.7		29	52	305	8	200	11862	30	-57.0		30	39	325	5					
300	9263	0	-46.1	6.2	0	30	4	8	300	9228	30	-47.2		30	48	295	9	300	9262	30	-47.1		30	31	325	5					
500	5661	0	-18.8	7.7	0	30	21	6	500	5649	30	-20.3	9.9	30	48	280	6	500	5678	30	-19.9	9.9	30	31	310	4					
700	3072	0	-2.7	5.4	0	42	23	5	700	3068	30	-3.4	11.7	30	51	280	5	700	3092	30	-3.0	9.9	30	31	300	3					
850	1507	0	6.6	4.7	0	56	12	4	850	1508	30	4.4	7.7	30	34	275	3	850	1529	30	5.4	7.0	30	32	320	2					
936	* 706	11.2	5.8						1020	* 2	10.8	4.5						1011	* 92	15.1	4.0										
EUROPE - POLAND LEGIONOWO 12374 5224N 02058E 0B 3																															
030	23989	28	-51.6		28	82	110	4	030									030													
050	20735	28	-53.7		28	34	115	1	050	20723	16	-55.1		7	57	183	1	050	20700	14	-54.9		14	41	174	1					
100	16294	30	-54.3		30	39	265	2	100	16304	26	-55.6		3	48	273	2	100	16271	6	-54.9		6	61	267	3					
150	13689	30	-53.7		30	38	290	3	150	13699	29	-55.5		2	46	307	2	150	13671	2	-53.8		2	46	291	3					
200	11846	30	-55.9		30	32	330	4	200	11868	30	-57.4		17	71	50	8	200	11824	0	-55.1		0	31	333	6					
300	9253	31	-48.1		31	28	325	4	300	9260	31	-46.2		29	24	5	4	300	9225	0	-48.1	4.1	0	30	20	6					
500	5677	31	-19.8	9.0	31	330	3	500	5669	31	-19.0	8.5	31	36	5	5	500	5650	0	-20.1	6.0	0	30	20	4						
700	3089	31	-2.6	8.0	31	31	335	2	700	3078	31	-2.8	7.7	31	37	15	4	700	3068	0	-3.3	4.5	0	34	32	3					
850	1522	31	6.2	5.7	31	32	340	2	850	1513	31	5.9	4.5	31	37	350	3	850	1503	0	6.5	4.3	0	38	28	3					
1008	* 96	15.0	7.7						1005	* 116	11.5	3.3						1000	* 139	15.7	6.1										
EUROPE - HUNGARY SZEZEGED 12374 5224N 02058E 0B 3																															
030	23982	11	-53.0		9	70	103	2	030									030	23981	23	-52.6		23	72	99	3					
050	20702	5	-55.4		5	47	195	1	050	20721	7	-55.2		7	57	183	1	050	20700	14	-54.9		14	41	174	1					
100	16289	4	-55.3		4	78	257	2	100	16298	31	-55.4		3	48	273	2	100	16271	6	-54.9		6	61	267	3					
150	13692	4	-53.6		4	61	277	2	150	13705	2	-53.8		2	46	307	2	150	13671	2	-53.8		2	46	282	3					
200	11842	3	-54.8		3	33	310	2	200	11859	2	-55.0		2	29	322	3	200	11831	0	-54.1		0	45	302	6					
300	9237	3	-48.0	4.7	3	25	13	2	300	9251	2	-47.4		2	39	19	4	300	9219	0	-47.9		0	24	313	4					
500	5661	2	-19.9	7.1	2	21	1	2	500	5670	2	-19.4	11.1	2	40	23	3	500	5646	0	-19.9	12.3	0	25	287	3					
700	3077	1	-3.1	4.7	1	24	15	1	700	3084	2	-3.2	6.5	2	38	29	2	700	3067	0	-3.9	6.1	0	30	325	2					
850	1509	1	7.1	4.4	1	25	9	1	850	1519	2	6.3	4.1	2	55	35	3	850	1504	0	6.7	6.5	1	28	334	2					
1007	* 83	16.1	6.8						1004	* 128	18.0	9.6						993	* 243	13.2	4.6										
EUROPE - ROMANIA CLUJ-NAPOCA 15120 4647N 02334E 0B 1																															
030									030								030														
050									050								050	</td													

EUROPE-ITALY

UPPER AIR

MAY 1989

LEVEL				TEMPERATURE			VECTOR WIND			LEVEL				TEMPERATURE			VECTOR WIND			LEVEL				TEMPERATURE			VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
mb	9pm		°C	°C	%	o	mps	mb	9pm		°C	°C	%	o	mps	mb	9pm		°C	°C	%	o	mps	mb	9pm		°C	°C	%	o	mps
EUROPE - ITALY MILANO/LINATE 16080 4526N 00917E 0B /																															
030	23941	1	-53.1	28.9	1	73	85	3	030	23969	0	-53.0	30.1	0	22	122	1	030	23959	0	-53.2	31.0	0	26	105	1					
050	20670	0	-56.1	27.9	0	21	56	1	050	20704	0	-56.6	29.1	0	32	239	1	050	20693	0	-56.9	30.1	0	36	205	1					
100	16271	0	-56.5	28.3	0	65	301	4	100	16318	0	-56.5	28.1	0	85	278	7	100	16310	0	-56.6	30.0	0	81	265	6					
150	13692	0	-55.4	26.1	0	60	316	6	150	13737	0	-55.1	23.8	0	82	288	9	150	13724	0	-54.4	28.1	0	84	277	11					
200	11867	0	-58.2	17.4	0	52	331	9	200	11905	0	-56.7	16.9	0	73	296	13	200	11883	0	-55.3	21.0	0	77	281	15					
300	9273	0	-47.2	10.3	0	43	341	7	300	9291	0	-46.3	11.1	0	55	308	11	300	9266	0	-46.9	12.6	0	67	283	15					
500	5679	0	-18.5	10.8	0	45	2	5	500	5691	0	-18.2	12.9	0	53	311	7	500	5676	0	-18.6	15.1	0	60	284	8					
700	3085	1	-2.2	6.3	0	41	358	3	700	3091	0	-1.0	11.8	0	51	316	4	700	3080	0	-1.4	13.6	0	49	289	4					
850	1513	0	7.8	5.9	0	15	37	1	850	1514	0	8.4	7.5	0	25	331	1	850	*	10	.	.	.	.	.	.	.
1005	* 103		14.6	5.1					1013	*	12	17.6	7.3					*	10	.	.	.	.	.	.	.	.
EUROPE - ITALY TRAPANI/BIRGI 16429 3755N 01230E 0B /																															
030	23957	0	-52.8	31.8	0	18	140	1	030	23954	1	-53.1	30.7	1	32	129	2	030	24024	11	-51.6	.	9	70	240	10					
050	20694	0	-57.3	30.1	0	34	222	1	050	20689	1	-57.2	29.0	1	26	223	1	050	20753	8	-56.5	.	9	78	240	12					
100	16338	0	-58.4	29.5	0	91	273	9	100	16332	0	-58.0	28.2	0	92	278	8	100	16367	2	-55.7	.	2	76	240	13					
150	13774	0	-56.3	27.0	0	93	278	15	150	13766	0	-56.2	25.9	0	88	280	12	150	13767	1	-53.2	.	1	83	230	14					
200	11953	0	-57.5	18.1	0	90	278	20	200	11948	0	-57.7	16.6	0	80	283	15	200	11918	1	-54.1	.	1	76	240	13					
300	9334	0	-45.0	12.8	0	78	284	18	300	9334	0	-45.4	11.5	0	62	289	12	300	9292	1	-46.1	.	1	83	240	15					
500	5717	0	-17.1	14.4	0	78	283	11	500	5721	0	-17.2	13.7	0	65	289	9	500	5695	1	-18.1	11.5	1	84	230	10					
700	3101	0	1.3	13.6	0	76	289	7	700	3105	0	1.2	12.9	0	56	293	5	700	3090	1	-1.9	8.7	1	67	240	6					
850	1512	0	10.2	10.8	0	32	295	2	850	1516	0	10.4	10.6	0	10	8	1	850	1506	1	9.5	10.1	1	57	270	3					
1016	* 14		17.9	7.1					1017	*	18	19.0	5.6					*	1016	*	4	7.9	6.3								
EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 4058N 02905E 0B 2																															
030	23972	10	-61.6	.	9	75	290	3	030	24033	1	-51.7	.	1	25	195	1	030	24083	18	-51.6	.	9	70	211	7					
050	20682	8	-56.4	.	9	80	245	4	050	20758	1	-56.5	.	1	50	220	2	050	20749	11	-57.3	.	9	82	229	9					
100	16334	4	-55.5	.	4	80	260	8	100	16381	1	-56.5	.	1	85	240	11	100	16395	5	-58.4	.	5	82	248	14					
150	13505	4	-53.2	.	4	85	275	12	150	13791	1	-53.7	.	1	94	250	15	150	13819	3	-54.8	.	3	85	257	18					
200	11950	4	-53.4	.	4	68	290	13	200	11945	1	-54.7	.	1	90	255	19	200	11970	1	-55.8	.	1	86	258	20					
300	9267	0	-46.3	.	0	89	290	18	300	9320	0	-46.3	.	0	79	255	15	300	9371	0	-44.9	.	0	84	261	16					
500	5740	0	-21.6	9.0	0	90	240	10	500	5714	0	-17.7	13.7	0	77	245	10	500	5739	0	-17.0	7.7	0	71	257	10					
700	3094	0	-1.0	11.5	0	87	265	7	700	3109	0	-0.3	7.6	0	71	250	5	700	3124	0	1.4	6.7	0	71	258	5					
850	1510	0	9.3	8.9	0	85	275	6	850	1518	0	12.8	13.0	0	60	250	3	850	1523	0	15.7	12.2	0	60	224	3					
1012	* 40		19.2	9.4					914	*	894	21.0	17.6					*	997		21.0	14.9									
EUROPE - TURKEY DIYARBAKIR 17280 3753N 04011E 0B 2																															
030	24203	4	-49.3	.	4	44	225	4	030	23972	17	-52.3	.	9	61	230	7	030	24045	0	-48.2	.	0	34	74	1					
050	20895	2	55	240	6	050	20732	12	55	240	1	-58.1	.	9	66	240	8	050	20685	0	-49.0	.	0	29	304	1					
100	16513	1	-56.4	.	1	91	240	21	100	16393	7	-60.5	.	7	88	240	15	100	16137	0	-49.1	.	0	66	268	3					
150	13924	0	-52.8	.	0	72	250	22	150	13845	6	-56.3	.	6	93	250	20	150	13463	0	-46.6	.	0	68	263	4					
200	12069	0	-52.7	.	0	74	255	24	200	12018	5	-55.9	.	5	91	250	21	200	11554	0	-46.7	.	0	68	261	6					
300	9405	0	-41.7	.	0	73	245	20	300	9389	2	-44.1	.	2	89	260	21	300	8887	0	-49.1	.	0	68	260	8					
500	5748	0	-14.9	10.1	0	60	250	9	500	5761	0	-15.7	12.7	0	77	260	12	500	5402	0	-28.1	5.2	0	68	262	6					
700	3112	0	3.9	9.4	0	38	275	3	700	3038	0	2.8	6.7	0	73	240	7	700	2905	0	-11.9	5.2	0	74	259	4					
850	1491	0	18.9	14.1	0	33	265	2	850	1522	0	14.8	10.6	0	66	210	3	850	1391	0	-2.5	3.6	0	68	256	3					
936	* 677		27.6	16.7					1009	*	20	29.4	16.4					*	46		6.5	5.2									
EUROPE - USSR<br																															

EUROPE-USSR

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mps		
EUROPE - USSR MINSK																										
		26850	5352N	02732E	OB 1				27037	5917N	03952E	OB 1					27595	5547N	04911E	OB 1						
030	23981	1	-52.0	11.4	1	71	106	2	030	23958	0	-51.1		0	58	77	1	030	24065	4	-50.3	9.6	8	13	206	1
050	20686	0	-53.6	10.5	1	28	163	1	050	20651	0	-52.6		0	217	0	050	20761	3	-52.3	8.9	5	50	249	2	
100	16237	0	-53.9	9.2	0	52	257	2	100	16180	0	-52.7		0	70	244	3	100	16280	1	-51.8	8.0	5	70	254	3
150	13632	0	-53.2	8.0	0	47	273	2	150	13556	0	-51.1		0	62	255	3	150	13641	0	-50.8	6.9	3	64	261	3
200	11787	0	-55.8	6.3	0	41	295	3	200	11688	0	-52.2		0	62	257	4	200	11773	0	-52.4	5.9	2	63	260	4
300	9198	0	-48.5	6.3	0	42	314	4	300	9078	0	-49.5		0	42	268	5	300	9160	0	-47.5	5.3	2	41	254	4
500	5631	0	-20.7	9.7	0	42	302	3	500	5542	0	-23.2	8.9	0	49	270	4	500	5592	0	-20.7	7.4	2	35	272	3
700	3057	0	-3.8	9.6	0	24	303	1	700	2996	0	-7.3	8.2	0	49	278	3	700	3021	0	-4.2	6.1	1	22	280	1
850	1499	0	5.2	6.5	0	29	340	1	850	1460	0	1.8	5.5	0	35	283	2	850	1462	0	5.0	4.6	0	11	320	1
990	* 234		14.5	8.2				999	* 118		11.3	7.8				999	* 64		13.2	5.8						
EUROPE - USSR MOSKVA																										
		27612	5545N	03734E	OB 0				33345	5024N	03027E	OB 0					33393	4949N	02357E	OB 0						
030	23979	5	-51.2	11.5	5	89	102	2	030	23934	0	-52.9	11.0	1	78	97	2	030	23991	0	-54.5	8.4	1	51	193	2
050	20680	3	-53.3	10.8	3	0	162	0	050	20662	0	-54.6	10.2	0	31	163	1	050	20719	0	-54.5	7.8	1	56	236	2
100	16222	1	-53.2	9.6	1	70	259	2	100	16236	0	-54.3	8.8	0	76	251	2	100	16272	0	-53.9	7.0	1	52	257	3
150	13603	1	-51.7	8.6	1	64	275	3	150	13630	0	-53.0	8.0	0	55	267	2	150	13667	0	-53.8	6.6	1	30	290	2
200	11740	1	-53.2	7.1	1	55	282	3	200	11780	0	-54.4	6.6	0	31	291	2	200	11827	0	-55.8	5.9	1	24	326	2
300	9138	0	-48.8	6.4	0	42	299	4	300	9182	0	-49.1	6.3	0	24	354	2	300	9223	0	-48.1	6.1	1	21	14	2
500	5587	0	-22.0	9.7	0	54	297	3	500	5624	0	-21.2	9.8	0	18	10	1	500	5651	0	-20.3	8.1	1	26	22	2
700	3027	0	-5.4	7.3	0	60	312	3	700	3055	0	-4.1	8.3	0	18	18	1	700	3072	0	-3.4	7.6	0	22	27	1
850	1478	0	4.5	5.0	0	46	315	2	850	1498	0	5.1	5.9	0	12	359	1	850	1508	0	5.8	4.4	0	29	41	1
992	* 156		12.9	5.5				996	* 179		15.9	8.3				979	* 325		14.4	5.9						
EUROPE - USSR ODESSA																										
		33837	4629N	03038E	OB 1				34172	5134N	04602E	OB 1					34300	4956N	03617E	OB 1						
030	23971	3	-53.4		3	51	98	1	030	23978	0	-53.3	10.8	0	26	96	1	030	24005	7	-52.9	10.7	8	64	123	1
050	20709	3	-56.2		3	46	207	1	050	20706	0	-55.5	10.0	0	28	243	1	050	20723	7	-55.2	9.9	7	33	208	1
100	16290	2	-54.6		2	85	255	4	100	16280	0	-53.5	9.1	0	81	256	3	100	16280	5	-53.9	8.8	6	84	245	3
150	13685	2	-52.5		2	75	255	4	150	13662	0	-51.8	8.2	0	85	256	4	150	13671	5	-52.7	7.9	5	79	243	4
200	11832	2	-54.0		2	62	262	4	200	11802	0	-53.0	6.7	0	67	257	5	200	11819	5	-54.2	6.5	5	48	242	3
300	9216	2	-46.9		2	42	262	3	300	9187	0	-47.4	6.0	0	24	261	3	300	9205	5	-47.0	6.7	5	28	243	3
500	5637	1	-19.6	8.8	1	16	251	1	500	5611	0	-20.3	8.2	0	18	286	2	500	5625	5	-20.5	9.0	5	41	268	1
700	3056	1	-3.1	6.9	1	11	309	1	700	3039	0	-4.6	8.9	0	31	306	2	700	3050	5	-3.5	9.4	5	9	359	1
850	1494	1	6.4	6.5	1	22	311	1	850	1488	0	4.7	6.2	0	37	314	2	850	1492	5	5.1	5.4	5	14	1	1
1011	* 64		15.8	6.4				996	* 156		14.3	8.3				999	* 152		14.1	7.9						
EUROPE - USSR ROSTOV-NA-DONU																										
		34731	4715N	03949E	OB 1				37549	4141N	04457E	OB 1					40179	3200N	03449E	OB						
030	23941	0	-52.3	11.3	0	55	93	1	030	23942	5	-53.7		5	49	77	1	030	24005	7	-52.9	10.7	8	64	123	1
050	20662	0	-55.3	10.3	0	35	162	1	050	20696	2	-58.2		2	30	138	1	050	20723	7	-55.2	9.9	7	33	208	1
100	16256	0	-54.8	9.5	0	80	242	5	100	16365	0	-58.1		0	86	248	6	100	16532	0	-65.4		0	93	246	22
150	13650	0	-52.7	8.6	0	85	251	5	150	13783	0	-54.4		0	89	250	11	150	14020	0	-58.1		0	96	250	30
200	11791	0	-52.9	7.2	0	74	255	5	200	11941	0	-55.4		0	87	251	12	200	12190	0	-54.8		0	96	249	27
300	9189	0	-49.7	6.3	0	49	258	6	300	9324	0	-45.7		0	82	254	10	300	9517	0	-40.2		0	95	249	21
500	5635	0	-20.6	8.7	0	49	261	4	500	5717	0	-17.8	10.2	0	81	250	7	500	5822	0	-12.4	15.3	0	90	250	12
700	3056	0	-2.8	8.2	0	37	272	2	700	3110	0	0.4	6.8	1	79	254	4	700	3156	0	6.8	18.7	0	78	253	6
850	1494	0	5.9	6.0	0	12	311	1	850	1523	0	10.8	9.1	1	22	304	1	850	1532	0	17.3	19.2	0	37	308	1
1007	* 77		15.5	6.8				961	* 490		18.9	11.0				1011	* 30		26.2	13.6						
EUROPE - JORDAN MAFRAG																										
		40265	3222N	03615E	OB 1				21432	7600N	13754E	OB 1					21965	7038N	1							

ASIA-USSR

UPPER AIR

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PRESSURE	LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			
	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	mb	gpm	°C	°C	%	o	mps	
		ASIA - USSR NAR JAN-MAR 23205 6739N 05301E OB 1							ASIA - USSR SALEHARD 23330 6632N 06632E OB 1							ASIA - USSR TURUHANSK 23472 6547N 08757E OB 1							ASIA - USSR OLENEK 24125 6830N 11226E OB 1					
030	24043	1	-48.7	11.8	2	64	62	1	030	24083	4	-48.2		5	84	58	1	030	24061	10	-48.7		9	85	34	.2		
050	20687	0	-49.2	10.7	0	55	347	1	050	20735	2	-49.1		2	64	327	1	050	20711	10	-49.4		9	73	5	2		
100	16144	0	-49.3	9.0	0	79	287	3	100	16204	1	-49.6		1	81	290	3	100	16169	10	-49.7		9	82	329	3		
150	13480	0	-48.2	7.9	0	76	279	4	150	13535	0	-48.6		0	84	283	5	150	13508	10	-48.4		9	77	320	5		
200	11585	0	-48.6	6.6	0	73	268	6	200	11647	0	-49.3		0	76	275	7	200	11619	10	-50.0		9	71	314	7		
300	8946	0	-50.0	5.2	0	68	264	8	300	9014	0	-49.7		0	64	279	9	300	8980	10	-49.8		9	69	316	9		
500	5447	0	-26.7	6.9	0	68	261	6	500	5492	0	-24.8	6.4	0	54	277	6	500	5454	10	-25.0	8.4	9	63	318	7		
700	2934	0	-10.4	7.4	0	68	262	4	700	2967	0	-9.0	7.9	0	46	287	3	700	2928	10	-9.9	8.5	9	54	312	4		
850	1415	0	-2.5	5.2	0	62	268	3	850	1437	0	-2.2	6.1	0	39	292	2	850	1410	10	-3.1	7.3	9	54	301	3		
1012	*	7	5.1	5.7				1013	*	35		2.4	4.8					1009	*	32		2.2	6.0					
		ASIA - USSR SYKTYVKAR 23804 6140N 05051E OB 1							ASIA - USSR HANTY-MANSIJSK 23933 6058N 06904E OB 1							ASIA - USSR OLENEK 24125 6830N 11226E OB 1							ASIA - USSR VERHOJANSK 24266 6733N 13323E OB 1					
030	23982	0	-50.0		0	71	71	1	030	24079	0	-49.4		0	65	47	1	030	24092	2	-46.3		2	59	81	1		
050	20657	0	-51.4		0	70	304	1	050	20745	0	-50.8		0	79	312	2	050	20692	2	-46.9		2	28	57	1		
100	16167	0	-51.8		0	76	279	3	100	16240	0	-51.2		0	73	285	3	100	16106	1	-47.4		1	31	323	1		
150	13536	0	-50.6		0	67	272	4	150	13599	0	-50.1		0	74	284	4	150	13411	1	-45.7		1	48	304	2		
200	11662	0	-51.7		0	67	268	5	200	11725	0	-52.1		0	68	280	5	200	11497	1	-44.9		1	56	281	3		
300	9046	0	-49.3		0	54	261	6	300	9091	0	-47.4		0	49	287	4	300	8802	1	-49.1		1	49	264	4		
500	5516	0	-24.1	8.1	0	54	263	4	500	5535	0	-22.5	8.7	0	43	280	3	500	5330	1	-30.2	5.9	1	69	257	4		
700	2981	0	-8.1	7.5	0	42	270	2	700	2986	0	-6.4	8.7	0	42	271	2	700	2859	1	-14.8	6.3	1	58	274	2		
850	1449	0	0.6	5.6	0	24	278	1	850	1442	0	2.1	8.6	0	36	258	2	850	1366	1	-6.6	3.8	1	45	293	2		
1000	*	96	10.0	7.8				1009	*	40		7.8	8.3					985	*	127		-0.2	5.0					
		ASIA - USSR VERHOJANSK 24266 6733N 13323E OB 1							ASIA - USSR TURA 24507 6410N 10004E OB 1							ASIA - USSR JAKUTSK 24959 6205N 12945E OB 1							ASIA - USSR MYS SMIDTA 25173 6855N 17929W OB 1					
030	24076	3	-45.8	13.1	4	73	96	2	030	24043	0	-48.0		1	98	51	2	030	23989	1	-48.7		1	62	139	1		
050	20678	1	-46.9	11.7	1	74	132	1	050	20694	1	-49.1		0	58	6	1	050	20630	1	-48.6		1	34	147	1		
100	16092	0	-47.4	9.8	0	45	193	1	100	16155	0	-49.3		0	75	316	3	100	16077	1	-48.9		1	24	284	1		
150	13410	0	-47.0	8.1	0	36	221	1	150	13487	0	-47.8		0	72	303	4	150	13411	1	-48.0		1	36	326	1		
200	11507	0	-47.2	6.7	0	42	238	2	200	11585	0	-47.8		0	72	301	6	200	11517	1	-48.5		0	48	334	2		
300	8853	0	-50.8	4.7	0	36	259	3	300	8924	0	-48.9		0	67	305	9	300	8874	0	-50.9		0	30	327	3		
500	5376	0	-28.9	5.5	0	36	244	2	500	5418	0	-26.9	5.3	0	66	298	6	500	5396	0	-27.9	5.2	0	43	315	3		
700	2896	0	-13.9	4.6	0	42	231	2	700	2913	0	-11.7	4.6	0	54	291	4	700	2901	0	-12.3	4.1	0	42	302	2		
850	1391	0	-4.0	5.0	0	18	205	1	850	1405	0	-5.2	4.2	0	12	200	1	850	1388	0	-1.7	6.1	0	12	302	1		
994	*	137	3.2	7.3				989	*	186		4.0	7.1					995	*	103		7.9	9.2					
		ASIA - USSR MYS SMIDTA 25173 6855N 17929W OB 1							ASIA - USSR ANADYR' 25563 6447N 17734E OB 1							ASIA - USSR SEJMCA 25703 6255N 15225E OB 1							ASIA - USSR KORF 25954 6021N 16600E OB 1					
030	24024	0	-48.5		0	67	101	1	030	24060	2	-49.1		2	60	97	1	030	23992	10	-49.3		9	66	117	1		
050	20674	0	-48.8		0	30	216	1	050	20715	0	-49.1		0	33	166	1	050	20643	8	-49.3		8	60	151	1		
100	16120	0	-48.1		0	62	237	2	100	16160	0	-48.1		0	58	221	2	100	16088	8	-48.5		8	79	180	2		
150	13444	0	-46.7		0	61	242	2	150	13476	0	-47.2		0	48	242	2	150	13413	8	-47.7		8	68	211	2		
200	11542	0	-47.0		0	43	258	2	200	11570	0	-46.9		0	54	261	3	200	11511	7	-47.9		8	60	227	3		
300	8886	0	-49.8		0	18	287	2	300	8904	0	-49.0		0	36	282	4	300	8870	7	-51.8		7	40	268	3		
500	5387	0	-27.2	5.4	0	12	321	1	500	5398	0	-26.4	6.6	0	36	298	3	500	5392	7	-28.4	5.8	7	32	276	2		
700	2892	0	-12.9	4.0	0	12	354	1	700	2895	0	-11.5	5.3	0	18	298	1	700	2909	7	-14.0	5.9	7	0	294	0		
850	1395	0	-7.0	3.2	0	12	258	1	850	1391	0	-5.2	4.2	0	12	253	1	850	1413	7	-5.7	5.6	7	22	73	1		
1016	*	7	-6.5	1.6				1013	*	62		-1.3	2.0					988	*	207		3.5	8.1					
		ASIA - USSR KORF 25954 6021N 16600E OB 1							ASIA - USSR SVERDLOVSK 28440 5648N 060308E OB 1																			

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm	°C	°C	%	%	%	o	mps	mb	gpm	°C	°C	%	%	%	o	mps	mb	gpm	°C	°C	%	%	%	o	mps
ASIA - USSR KUSTANAJ																										
28952	5313N 06337E	OB 1	29231	5818N 08254E	OB 1	29574	5600N 09253E	OB 1																		
030	24025	1	-51.6		1	54	49	1	030	24001	5	-49.8		5	63	33	1	030	24002	3	-49.6		3	88	49	2
050	20741	0	-53.8		0	48	301	1	050	20676	4	-51.5		4	72	330	2	050	20680	2	-51.7		2	69	336	2
100	16292	0	-52.7		0	88	269	4	100	16192	4	-52.2		4	81	299	4	100	16203	1	-52.7		1	80	300	4
150	13665	0	-51.3		0	81	268	5	150	13564	4	-50.8		4	81	298	5	150	13582	0	-51.3		0	75	296	5
200	11800	0	-53.8		0	64	270	6	200	11695	4	-52.7		4	66	299	5	200	11719	0	-53.1		0	77	297	7
300	9185	0	-47.2		0	48	271	5	300	9074	4	-48.3		4	47	302	4	300	9098	0	-48.9		0	57	288	7
500	5605	0	-19.6	6.7	0	48	266	4	500	5543	4	-23.9	9.6	4	46	297	3	500	5559	0	-23.6	9.1	0	60	285	6
700	3026	0	-3.4	6.1	0	30	264	2	700	3005	4	-7.6	9.1	4	50	288	2	700	3017	0	-7.0	9.3	0	73	290	5
850	1462	0	6.1	6.5	0	18	254	1	850	1466	4	2.5	11.7	5	50	273	2	850	1475	0	3.0	9.4	0	76	280	4
992	* 171		13.1	6.3				1006	* 76		9.6	9.2					991	* 194		10.0	10.6					
ASIA - USSR KIRENSK																										
30230	5746N 10807E	OB 1	30758	5201N 11320E	OB 1	31004	5837N 12522E	OB 1																		
030	24035	6	-49.3		7	87	58	2	030	23936	4	-50.7		4	83	67	2	030	24036	2	-49.0		2	82	76	2
050	20699	6	-50.5		6	79	344	2	050	20629	2	-52.4		3	58	357	1	050	20683	2	-49.0		2	80	86	0
100	16200	5	-51.0		5	76	304	3	100	16165	1	-53.1		1	88	316	5	100	16137	1	-49.4		2	58	293	2
150	13553	5	-49.8		5	83	301	5	150	13538	0	-51.7		0	81	312	6	150	13470	0	-48.4		0	69	303	3
200	11676	5	-51.4		5	73	295	6	200	11677	0	-53.2		0	76	311	8	200	11580	0	-49.3		0	64	307	4
300	9037	5	-47.8		5	70	290	7	300	9059	0	-49.3		0	59	311	8	300	8928	0	-50.1		0	54	315	5
500	5508	5	-25.0	6.9	5	76	281	5	500	5526	0	-23.6	7.7	0	66	314	6	500	5436	0	-26.9	5.7	0	54	299	3
700	2981	5	-8.3	6.2	5	67	284	3	700	2980	0	-6.0	7.9	0	59	317	4	700	2925	0	-10.5	3.7	0	48	310	2
850	1445	5	1.8	7.5	5	62	278	2	850	1428	0	5.4	12.9	0	59	313	3	850	1399	0	5.5	0	0	41	293	2
992	* 258		8.8	8.8				932	* 685		10.2	12.7					992	* 682		5.6	7.7					
ASIA - USSR OHTSK																										
31088	5922N 14312E	OB 1	31510	5016N 12730E	OB 1	31735	4831N 13510E	OB 1																		
030	23999	0	-49.1		0	74	105	2	030	24045	3	-50.2		3	57	79	1	030	23910	5	-50.6	11.5	5	66	129	1
050	20652	0	-48.8		0	58	133	1	050	20717	2	-51.3		2	30	317	1	050	20592	5	-51.7	10.7	5	61	237	1
100	16096	1	-48.7		1	45	196	1	100	16212	1	-51.2		2	70	296	3	100	16106	5	-51.8	9.6	5	81	270	4
150	13434	0	-47.6		0	52	208	2	150	13563	1	-49.6		1	72	300	5	150	13472	5	-50.6	8.6	5	81	274	6
200	11535	0	-47.8		0	35	219	2	200	11681	0	-50.6		1	62	307	6	200	11602	5	-50.9	7.1	5	67	278	7
300	8892	0	-51.1		0	23	214	3	300	9041	0	-47.7		0	61	306	7	300	8968	5	-49.6	5.5	5	56	277	8
500	5398	0	-26.9	5.6	0	18	167	1	500	5500	0	-23.6	8.9	0	55	316	5	500	5457	5	-25.2	7.8	5	52	288	5
700	2898	0	-12.1	4.0	0	30	112	2	700	2954	0	-6.2	8.8	0	49	324	3	700	2931	5	-8.2	6.8	5	41	300	3
850	1392	0	-4.1	4.2	0	48	95	2	850	1403	0	5.2	11.9	0	43	325	2	850	1393	5	1.7	7.8	5	20	293	1
1011	*	6	2.4	2.5				990	* 137		12.6	13.3					999	* 72		9.8	8.1					
ASIA - USSR VLADIVOSTOK																										
31960	4307N 13154E	OB 1	32150	4655N 14244E	OB 1	32540	5258N 15845E	OB 1																		
030	23927	3	-51.1		3	53	126	1	030	23961	2	-51.1		2	67	109	1	030	24050	1	-50.3		1	56	98	1
050	20631	1	-53.4		1	45	256	1	050	20643	1	-51.9		1	56	209	1	050	20718	0	-50.7		0	50	183	1
100	16202	0	-55.0		0	89	270	8	100	16162	1	-52.0		1	88	259	5	100	16185	0	-50.3		0	72	233	3
150	13604	0	-53.1		0	88	270	11	150	13531	1	-50.0		1	85	263	8	150	13533	0	-49.3		0	74	236	4
200	11751	0	-52.5		0	85	273	14	200	11646	0	-49.2		1	81	262	10	200	11652	0	-50.7		0	62	237	5
300	9119	0	-46.7		0	79	279	13	300	8986	0	-47.6		0	66	270	9	300	9015	0	-48.2		0	42	240	6
500	5550	0	-21.1	8.4	0	80	285	8	500	5456	0	-24.3	8.7	0	67	270	6	500	5473	0	-23.2	8.6	0	37	233	3
700	2984	0	-3.7	7.4	0	79	290	5	700	2926	0	-7.7	7.8	0	60	271	4	700	2932	0	-8.5	7.0	0	18	218	1
850	1424	0	5.6	8.3	0	47	288	3	850	1392	0	0.3	5.5	0	48	266	3	850	1408	0	-2.2	4.1	0	12	58	1
999	* 138		11.1	6.0				1006	* 31		6.4	4.7					1002	* 7		3.9	4.5					
ASIA - USSR ORENBURG																										
35121	5145N 05506E	OB 1	35394	4948N 07308E	OB 1	35700	4701N 05151E	OB 1																		
030	23984	0	-51.9	11.0	0	76	80	2	030	23980	11	-52.1		9	25	19	1	030	23978	1	-53.1	10.9	3	82	84	2
050	20699	0	-54.9	10.0	0	21	291	1	050	20697	10	-54.7		9	59	289	2	050	20719	1	-56.5	10.1	1	37	190	1
100	16268	0	-53.7	9.2	0	82	264	4	100	16277	10	-54.5		9	91	270	5	100	16333	0	-54.9	9.3	0	84	263	4
150	13647	0	-51.8	8.5	0	79	264	5	150	13669	10	-53.2		9	90	263	6	150	13723	0	-52.6	8.6	0	86	263	6
200	11783	0	-52.8	7.4	0	63	270	5	200	11825	10	-56.0		9	84	260	7	200	11868	0	-53.7	7.4	0	74	265	7
300	9165	0	-48.2	6.5	0	36	258	4	300	9219	10	-47.4		9	63	260	6	300								

ASIA-USSR

UPPER AIR

MAY 1989

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
ASIA - USSR ALMA-ATA 36870 4314N 07656E 0B 1																										
030	23948	1	-52.2	10.8	1	63	42	2	030	24006	0	-53.6	11.0	0	39	76	1	030	23976	7	-53.0	10.5	6	0	323	0
050	20683	1	-57.6	9.0	1	57	304	1	050	20765	0	-58.8	10.2	0	17	260	1	050	20737	1	-59.3	9.5	3	17	211	1
100	16357	1	-58.8	7.8	1	91	258	7	100	16460	0	-59.1	9.5	0	85	270	7	100	16474	1	-62.3	8.8	1	91	266	9
150	13790	1	-54.6	7.1	1	95	255	10	150	13881	0	-53.3	9.5	0	85	272	10	150	13930	0	-55.9	8.4	1	89	270	15
200	11952	1	-56.1	5.8	1	87	251	10	200	12029	0	-52.9	8.6	0	79	270	10	200	12088	0	-52.7	8.1	0	87	274	16
300	9339	1	-44.6	6.7	1	82	236	8	300	9375	0	-43.6	8.7	0	67	259	7	300	9420	0	-41.9	8.9	0	82	278	12
500	5711	1	-16.5	9.9	1	84	242	5	500	5738	0	-16.0	10.8	0	62	258	4	500	5756	0	-14.3	11.2	0	73	284	6
700	3098	1	0.7	7.6	1	42	254	1	700	3114	0	2.4	10.0	1	48	251	2	700	3117	0	4.1	11.1	0	54	264	2
850	1510	0	10.9	8.8	1	42	254	0	850	1515	0	13.5	12.7	1	23	298	1	850	1513	0	14.2	14.6	0	18	313	1
940	* 847		15.1	8.3		0	0	39	0	958	* 428		19.0	12.4			979		* 228		22.7	16.8				
ASIA - KUWAIT KUWAIT INTL AIRPORT 40582 2913N 04759E 0B 3																										
030	23932	0	-53.1		0	82	101	5	030	23952	2	-60.8		2	81	257	14	030	23952	2	-76.4		1	53	240	6
050	20685	0	-60.3		0	67	90	3	050	20713	0	-62.4		2	88	262	26	050	20720	2	-64.2		0	69	263	13
100	16557	0	-72.9		0	99	249	18	100	16521	2	-60.8		2	81	257	14	100	16617	12	-76.4		1	53	240	6
150	14124	0	-61.6		0	99	254	31	150	14085	1	-62.4		2	88	262	26	150	14202	2	-51.7		0	70	271	13
200	12309	0	-53.0		0	99	263	33	200	12266	0	-51.5		0	90	268	32	200	12385	0	-33.9	21.3	0	66	294	9
300	9603	0	-36.7		0	98	269	27	300	9542	0	-36.5		0	88	268	32	300	9654	0	-6.3	27.7	0	49	307	4
500	5865	0	-9.8		0	97	275	14	500	5810	0	-10.2		0	84	273	13	500	5875	0	12.2	24.3	0	15	285	1
700	3173	0	10.3		0	96	293	12	700	3132	0	7.8		0	72	299	7	700	3157	0	26.0	32.8	0	60	305	4
850	1520	0	23.9		0	74	327	7	850	1498	0	19.9		1	63	317	5	850	1495	0	21.4	22.5	0	68	305	5
1002	* 55		33.3	6.4				1001	* 10		23.9	16.1					1003	* 27		30.0	11.4					
ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 2335N 05617E 0B 3																										
030	23922	0	-51.9	32.2	0	95	90	9	030	23935	11	-52.5		9	40	138	10	030	23985	9	-58.9		1	72	275	31
050	20684	0	-61.8	24.2	0	89	99	6	050	20713	9	-62.4		9	17	124	4	050	21284	1	-51.1		0	72	278	23
100	16631	0	-76.1	18.0	1	41	230	5	100	16637	6	-76.4		9	31	92	8	100	19458	0	-37.5		0	71	298	7
150	14222	0	-63.0	20.3	0	61	246	10	150	14273	5	-65.9		7	17	124	4	150	15761	0	-12.7	9.1	0	57	288	9
200	12400	0	-50.8	21.6	0	62	266	10	200	12455	3	-51.3		7	31	92	8	200	12184	1	-12.7	9.1	0	71	298	7
300	9557	0	-33.4	22.7	0	51	275	7	300	9697	3	-31.1	14.3	6	52	78	8	300	12093	0	9.0	19.2	0	71	271	13
500	5874	0	-6.5	27.6	0	32	313	3	500	5885	2	-6.1	17.3	5	74	34	9	500	12149	2	20.1	5.4	2	54	207	6
700	3159	0	12.0	20.1	0	30	289	2	700	3163	2	12.5	16.7	5	43	2	3	700	12145	0	21.4	22.5	0	68	305	5
850	1496	0	25.9	28.1	0	72	307	3	850	1493	1	26.1	20.9	4	26	307	3	850	1491	0	22.0	14.9	0	68	305	5
1003	* 15		33.4	18.0				1005	* 22		29.7	6.2					962	* 360								
ASIA - PAKISTAN SARGODHA 41594 3203N 07240E 0B 1																										
030								030									030									
050								050									050									
100								100									100									
150								150									150									
200	12773		-44.1	5.8	5	50	304	46	300	12774	3	-33.7		3	84	277	24	300	12826	2	-17.4	3.7	9	10	153	32
300	5734	4	-12.5	21.3	4	66	304	39	500	5764	0	-11.1		0	81	282	11	500	3100	2	10.8	6.6	2	49	257	6
500	3067	4	8.8	21.3	4	66	330	5	700	3092	0	10.8		0	76	269	6	700	1449	2	20.1	5.4	2	54	207	6
700	1429	4	21.2	4.7	5	10	330	3	850	1443	0	24.0		0	50	299	3	850	1449	2	26.9	1.6	2	54	207	6
850	* 188		24.2	11.8				987	* 123		24.1	10.7					1001	* 9								
ASIA - INDIA SRINAGAR 42027 3405N 07450E 0B 3																										
030								030									030									
050								050									050									
100								100									100									
150								150									150									
200	12297	0	-47.5		1	83	270	32	200	12379	0	-49.5		0	94	265	23	200	12430	0	-49.3		0	77	189	19
300	9536	0	-34.3		1	43	255	11	300	9621	0	-31.8		0	86	267	22	300	9660	0	-18.2		0	83	268	15
500	5788	0																								

ASIA-INDIA

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C	%		°	mps	mb	gpm		°C	°C	%		°	mps	mb	gpm		°C	°C	%		°	mps	
ASIA - INDIA LUCKNOW/AMAUSSI 42369 2645N 08053E 0B 3																											
030									030		24338	7	-45.0					030									
050									050		20992	4	-54.4					050									
100	16580	5	-76.9		7	72	260	8	100		16782	3	-71.4					100		16782	9	-69.4					
150	14192	5	-64.6		6	91	260	13	150		14322	1	-59.6					150		14315	5	-60.5					
200	12397	2	-50.2		4	94	265	16	200		12479	0	-46.9					200		12523	0	-47.7					
300	9614	1	-31.1	10.6	1	92	275	15	300		9674	0	-27.7					300		9733	0	-28.3					
500	5801	1	-6.0	13.8	1	88	295	11	500		5817	0	-4.7		9	85	256	8	500		5875	0	-4.0				
700	3096	0	12.2	15.5	0	89	305	11	700		3093	0	10.0	6.9	1	74	250	6	700		3142	0	13.3	16.8	0	65	283
850	1434	0	24.4	19.5	0	51	310	4	850		1449	0	20.0	6.1	1	45	234	2	850		1476	0	26.1	21.0	0	93	278
986	* 128		32.4	15.8					997	*	54		26.8	4.1				997	*	55		34.5	16.7				
ASIA - INDIA CALCUTTA/DUM DUM 42809 2239N 08827E 0B 3																											
030									030		14306	2	-64.1					030									
050									050		12491	1	-50.1					050		20800	8	-56.6					
100	12551	24	-77.0	7.1	4				100		9708	0	-28.8	10.3	2	62	246	6	100		16677	5	-77.6				
150	12561		-45.3	2.0	1				150		5875	0	-5.5	10.4	2	51	335	5	150		14321	2	-63.4				
200			29	-18.0	0.7	8			200		3140	0	14.2	19.3	0	89	345	5	200		12501	0	-49.6				
300			25	-32.7	0.5	3	51		300		1466	0	28.1	23.1	0	79	341	5	300		9726	0	-27.4				
500				9.8	0.1	2	11		500		966	*	310	36.2	23.4			500		5840	0	-2.9	9.6	0	70	341	
700	2050								700									700		3102	0	12.9	11.4	0	75	343	
850	1438	2		2.3	1	10	150	22	850								850		1436	0	23.7	14.0	0	36	267		
1000	*	6		30.1	5.7				996	*							996	*	46		30.1	5.0					
ASIA - INDIA BOMBAY/SANTACRUZ 43003 1907N 07251E 0B 3																											
030									030		20787	7	-58.7					030									
050									050		16734	3	-77.5					050									
100	16655	9	-78.9		9	46	131	6	100		14339	0	-62.9					100		14339	7	-64.1					
150	14215	3	-65.5		3	34	166	5	150		12517	0	-49.2					150		12516	1	-48.8					
200	12411	2	-52.0		2	8	290	1	200		9751	0	-28.5					200		9717	1	-27.2	2.6	7	19	171	
300	9662	0	-30.8		0	44	275	5	300		5872	0	-5.7	11.3	0	59	36	4	300		5845	1	-4.0	13.4	2	57	24
500	5849	0	-5.4		0	27	11	2	500		3154	0	13.8	0.0	0	56	15	3	500		3109	1	12.9	13.9	1	73	6
700	3130	0	12.3	16.0	0	21	212	2	700		3123	0	13.0	16.5	0	74	45	7	700		3149	1	24.8	14.0	1	53	304
850	1468	0	22.6	19.1	0	29	51	3	850		1458	0	24.1	16.0	0	43	305	3	850		1487	1	21.9	8.0	1	74	305
1000	*	14		29.7	6.3				1000	*	16		31.4	8.2				1000	*	31		29.1	5.4				
ASIA - INDIA GOA/PANJIM 43192 1529N 07349E 0B 3																											
030									030		24200	0	-49.2					030		24260	9	-48.9					
050									050		20919	2	-58.2					050		21315	5	-58.1					
100	14451	3	-61.4		7	65	130	9	100		16775	1	-77.8					100		16787	3	-73.5					
150	12608	0	-47.2		1	59	35	7	150		14369	1	-63.5					150		14402	3	-62.9					
200	9796	0	-25.8	14.1	1	22	200	15	300		9747	0	-27.6					200		12570	3	-48.3					
300	5903	0	-1.9	16.8	0	61	120	4	500		5857	0	-2.7	17.0	0	44	46	4	300		9775	2	-26.6	14.7	2	42	133
500	3151	0	-5.2	20.2	0	51	135	4	700		3123	0	13.0	16.5	0	74	45	7	500		5888	1	-3.3	11.5	1	53	72
700	1480	0	24.0	14.6	0	55	30	4	850		1458	0	24.1	16.0	0	43	305	3	850		1487	1	21.9	8.0	1	55	66
999	*	60		29.3	5.3				1000	*	16		31.4	8.2				1000	*	31		29.1	5.4				
ASIA - INDIA PORT BLAIR 43333 1140N 09243E 0B 3																											
030									030		12464	6	-60.1					030									
050									050		9695	4	-29.0					050		9746	0	-27.5	6.7	0	27	192	
100	16729	7	-77.5		7	95	99	13	100		5843	3	-4.7	9.7				100		5881	0	-3.4	8.9	0	36	65	
150	14351	0	-65.3		0	97	90	10	150		300		3123	3	11.0	9.5			150		3147	0	11.5	8.4	0	52	47
200	12540	0	-49.4		0	62	85	6	200		850		1477	3	19.6	4.7			200		1492	0	20.4	5.9	0	80	311
300	9739	0	-26.7	9.2	0	36	100	3	300		500		27.9	3.3				300		1007	*	2	29.0	3.9		7	
500	5864	0	-3.3	10.3	0	43	244	4	500		850		1477	3	27.9	3.3			500		1492	0	20.4	5.9	0	80	311
700	3117	0	10.7	8.5	0	57	239	5	700		1006	*	3					700		1007	*	2	29.0	3.9		7	
850	1470	0	18.9	3.8	0	87	239	5	850		1006	*	3					850		1007	*	2					

ASIA-INDIA

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	DEW POINT	MISSING	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
ASIA - INDIA TRIVANDRUM 43371 0829N 07657E 0B 3																										
030	24148	12	-51.2		9	52	105	4	030	23915	6	-53.5	31.1	2	95	85	10	030								
050	20920	7	-59.3		1	96	101	15	050	20684	4	-63.3	24.2	0	94	82	8	050								
100	16781	0	-76.3		1	90	104	15	100	16653	1	-77.5	14.5	0	54	323	5	100								
150	0	-64.1		1	77	115	9	150	14264	0	-64.6	13.8	0	72	288	11	150	14039	5		3.7	6	40	5		
200	12548	0	-49.0		1	32	101	2	200	12453	0	-51.1	13.2	0	70	275	11	200								
300	9758	0	-27.4		1	37	15	3	300	9689	0	-29.5	10.8	0	70	259	9	300	9267	0	-44.0	5.6	9	191	36	
500	5878	0	-2.5	11.9	1	37	46	4	500	5856	0	-5.3	8.1	0	72	245	8	500	5651	0	-18.2	9.2	4	81	290	
700	3135	0	12.4	12.8	0	43	46	4	700	3134	0	9.8	6.2	0	62	227	7	700	3049	0	-0.4	9.0	1	70	290	
850	1480	0	20.7	5.8	0	87	322	6	850	1494	0	17.6	4.0	0	56	181	5	850	1464	1	0.0	8.8	0	62	270	
999	*	64	27.9	3.9					1002	*	66	24.5	2.4					1007	*	38	17.0	6.9				
ASIA - REPUBLIC OF KOREA POHANG 47138 3602N 12923E 0B 3																										
030	23948	9	-51.3	11.5	9	17	83	1	030	23925	6	-51.5		7	46	81	2	030	23897	1	-52.1		4	35	90	
050	20650	6	-55.8	10.1	8	57	274	3	050	20615	2	-52.9		3	56	233	2	050	20603	0	-53.5		0	59	249	
100	16355	1	-63.5	8.6	3	96	271	25	100	16161	0	-53.5		0	92	262	12	100	16190	0	-55.9		0	94	264	
150	13840	1	-59.0	9.0	3	97	269	41	150	13543	0	-51.5		0	93	262	19	150	13599	0	-53.5		0	95	263	
200	12013	0	-55.1	9.0	2	94	263	47	200	11671	0	-50.6		0	91	260	22	200	11741	0	-52.3		0	95	263	
300	9341	0	-40.4	9.9	2	92	263	35	300	9025	0	-47.7		0	77	267	21	300	9095	0	-46.3		0	85	267	
500	3677	0	-15.4	12.6	2	83	272	14	500	5491	0	-23.6	11.5	0	74	270	13	500	5534	0	-22.3	11.8	0	82	266	
700	3059	0	0.7	13.2	3	60	298	6	700	2948	0	-6.9	11.1	0	71	266	8	700	2975	0	-5.0	13.4	0	80	262	
850	1470	0	10.3	9.9	3	37	316	3	850	1407	0	2.1	9.3	1	65	250	6	850	1425	0	3.5	8.2	2	63	257	
1011	*	6	18.4	8.3					1009	*	11	7.5	3.5					1008	*	19	10.4	6.0				
ASIA - JAPAN NEMURO 47420 4320N 14535E 0B 2																										
030	23923	1	-52.0		2	42	90	2	030	23920	3	-52.6		5	56	72	2	030	23920	5	-52.5		9	69	75	
050	20627	1	-53.4		2	55	243	2	050	20637	1	-55.1		1	65	258	3	050	20641	2	-55.4		6	76	258	
100	16204	0	-56.1		1	94	263	15	100	16276	0	-58.9		0	95	266	22	100	16310	0	-61.2		1	96	267	
150	13611	0	-53.1		1	95	262	25	150	13723	0	-56.6		0	97	265	37	150	13780	1	-58.2		1	97	267	
200	11754	0	-52.5		1	94	261	34	200	11891	0	-54.4		0	94	261	45	200	11959	0	-55.0		1	95	264	
300	9106	0	-46.1		1	88	262	29	300	9234	0	-42.5		0	88	265	38	300	9298	0	-40.6		0	92	263	
500	5541	0	-21.7	13.9	1	85	262	16	500	5611	0	-18.6	14.2	0	85	274	18	500	5642	0	-16.9	12.4	0	86	268	
700	2979	0	-5.0	11.7	0	81	262	10	700	3023	0	-2.7	11.8	0	85	265	11	700	3038	0	-1.1	13.1	0	76	270	
850	1427	0	3.4	9.5	1	70	256	7	850	1456	0	6.7	7.7	0	80	244	8	850	1464	0	7.9	7.9	1	65	259	
1011	*	26	5.7	2.3					1011	*	10	14.1	4.5					1007	*	43	14.1	5.4				
ASIA - JAPAN WAJIMA 47600 3723N 13654E 0B 2																										
030	23933	1	-52.1		3	11	27	1	030	23912	4	-52.7		7	34	48	1	030	23932	7	-52.7		8	35	50	
050	20651	1	-55.9		1	87	261	4	050	20640	1	-56.8		2	93	254	4	050	20666	6	-57.8		6	73	255	
100	16338	0	-62.0		0	97	268	26	100	16365	0	-64.9		0	96	266	26	100	16454	0	-68.7		1	97	266	
150	13814	0	-58.3		0	97	266	42	150	13869	0	-61.0		0	96	267	43	150	14001	0	-63.6		0	95	269	
200	11934	0	-54.7		0	96	262	49	200	12064	0	-55.5		0	96	263	51	200	12206	0	-55.4		0	95	265	
300	9326	0	-39.7		0	90	263	39	300	9387	0	-38.0	8.8	0	94	262	39	300	9505	0	-34.9	7.9	0	96	261	
500	5658	0	-16.0	12.8	0	87	276	16	500	5688	0	-13.8	13.0	0	93	265	19	500	5751	0	-10.3	12.1	0	94	260	
700	3046	0	-0.1	13.0	0	74	275	8	700	3058	0	0.7	11.0	0	72	273	8	700	3086	0	4.6	13.0	1	89	261	
850	1464	0	9.1	10.1	0	63	248	6	850	1472	0	9.6	8.3	1	19	243	1	850	1481	0	12.0	9.5	1	72	259	
1011	*	6	14.7	3.9					1009	*	31	14.7	2.5					994	*	153	17.8	2.4				
ASIA - JAPAN YONAGO 47744 3526N 13321E 0B 2																										
030	23935	5	-52.4		6	22	360	1	030	23923	6	-52.2		8	39	60	2	030	23912	7	-52.2		7	52	58	
050	20656	3	-56.8		3	91	262	5	050	20656	4	-57.8		4	33	215	1	050	20649	5	-58.2		5	86	259	
100	16386	0	-64.6		1	98	269	25	100	16432	0	-68.1		0	97	269	27	100	16428	0	-67.3		0	97	271	
150	13886	0	-60.1		0	97	268	38	150	13969	0	-62.7		0	96	267	44	150	13953	0	-61.2		0	96	268	
200	12077	0	-55.4		0	95	262	45	200	12171	0	-55.8		0	96	263	48	200	12144	0	-55.0		0	94	263	
300	9396	0	-38.1		0	91	261	35	300	9479	0	-36.1	7.6	0	95	259	37	300	9449	0	-36.3	9.3	0	93	258	
500	5697	0	-13.8	15.0	0	87	268	16	500	5738	0	-10.8	13.4	0	92	261	20	500	5724	0	-12.6	15.4	0	90	263	
700	3063	0	1.3	14.3	0	68	281	6	700	3079	0	3.3	12.8	0	83	268	10	700	3075	0	3.2	14.9	0	65	274	
850	1474	0	10.3	9.4	1	34	248	3	850	1478	0	11.6	8.6	0	21	252	2	850	1478	0	11.4	9.6	0	25	257	
1011	*	8	16.8	3.8					1004	*	75	18.0	3.2					1010	*	14	18.2	4.5				
ASIA - JAPAN SHIONOMISAKI 47744 3526N 13321E 0B 2																										
030	23923	6	-52.4		6	22	360	1	030	23923	6	-52.2		8	39	60	2	030	23912	7	-52.2		7	52		

ASIA-JAPAN

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
ASIA - JAPAN KAGOSHIMA/YOSHINO 47827 3138N 13035E 0B 2																										
030	23930	6	-52.7		8	42	72	2	030	23925	3	-53.2		6	81	66	6	030	23915	9	-52.0					
050	20667	6	-58.7		6	67	261	3	050	20679	2	-60.4		2	23	117	1	050	20683	8	-61.8					
100	16486	0	-70.0		0	98	271	24	100	16557	0	-74.1		0	97	275	19	100	16618	0	-77.1		1	84	289	9
150	14035	0	-62.8		0	97	269	41	150	14146	0	-64.7		0	97	271	32	150	14231	0	-65.6		0	88	276	17
200	12232	0	-54.5		0	94	265	44	200	12346	0	-53.5		0	94	267	32	200	12433	0	-52.8		0	86	268	18
300	9523	0	-34.3	9.6	0	94	259	34	300	9617	0	-32.2	8.3	0	94	261	27	300	9687	0	-30.5	9.5	1	89	257	15
500	5759	0	-9.7	13.8	0	91	258	19	500	5815	0	-7.1	10.6	0	95	255	19	500	5862	0	-5.5	10.5	1	87	251	12
700	3090	0	4.8	13.3	0	81	264	10	700	3118	0	7.3	11.5	0	80	253	10	700	3145	0	9.8	8.9	0	79	240	7
850	1482	0	12.3	6.7	0	49	250	4	850	1498	0	14.4	7.7	0	60	261	6	850	1507	0	17.0	3.8	0	50	211	4
979	* 283		17.1	2.5					978	* 295		19.9	1.6					1011	*	7		24.4	2.3			
ASIA - JAPAN NAHA 47936 2612N 12740E 0B 2																										
030	23908	7	-52.9		8	92	65	8	030	23918	7	-51.7		8	92	74	8	030	23932	13	-52.4					
050	20670	7	-61.7		7	68	96	3	050	20670	3	-61.2		3	76	87	4	050	20687	6	-60.8		6	59	93	2
100	16590	0	-76.1		1	96	279	15	100	16579	0	-76.6		1	93	282	13	100	16573	0	-75.0		0	90	280	13
150	14196	0	-65.6		0	92	276	24	150	14193	0	-65.9		1	95	275	23	150	14184	0	-66.6		0	91	283	23
200	12401	0	-53.5	0	0	93	267	25	200	12400	0	-53.5		1	96	271	23	200	12397	0	-54.7		0	88	281	22
300	9664	0	-31.3	8.4	0	93	262	20	300	9665	0	-31.6	9.8	1	95	259	19	300	9674	0	-32.1	11.1	0	94	262	19
500	5848	0	-5.9	11.0	0	94	254	16	500	5852	0	-6.0	11.6	0	93	251	16	500	5868	0	-6.5	14.2	0	94	249	15
700	3138	0	8.6	10.1	0	89	244	11	700	3143	0	8.7	11.1	0	89	243	12	700	3162	0	8.8	12.6	0	91	248	11
850	1508	0	16.3	7.5	0	58	247	5	850	1512	0	16.6	8.2	1	60	237	5	850	1530	0	16.2	6.3	0	81	243	8
1009	* 27		23.2	3.1					1011	*	15		23.3	2.2				1014	*	8		23.0	2.3			
ASIA - JAPAN MINAMITORISHIMA 47991 2418N 15358E 0B 2																										
030	23932	0	-52.0		0	98	80	11	030	23918	7	-51.7		8	92	74	8	030	23932	13	-52.4					
050	20690	0	-60.9		0	90	86	6	050	20670	3	-61.2		3	76	87	4	050	20687	6	-60.8		6	59	93	2
100	16586	0	-75.5		0	62	322	7	100	16663	10	-77.6		9	54	65	7	100	16638	6	-83.2		9	70	85	8
150	14201	0	-67.0		0	64	323	12	150	14276	9	-65.6		9	20	45	2	150	14296	1	-67.6		1	55	70	5
200	12418	0	-55.0		0	48	317	8	200	12461	8	-51.4		8	29	265	3	200	12492	1	-51.9		1	44	55	3
300	9701	0	-32.9	14.6	0	45	302	5	300	9701	5	-28.9	8.1	5	13	335	1	300	9723	1	-29.0	12.9	1	42	85	3
500	5901	0	-6.0	18.5	0	38	289	3	500	5849	1	-4.2	6.3	1	37	240	3	500	5872	0	-4.0	8.2	0	23	240	2
700	3188	0	10.0	17.5	0	10	301	1	700	3124	1	10.1	2.8	2	18	185	1	700	3139	0	11.3	6.3	0	38	230	2
850	1552	0	16.0	6.9	0	18	139	1	850	1476	1	20.0	2.3	2	35	240	2	850	1488	0	20.2	3.8	0	47	225	3
1016	* 9		24.4	2.7					971	*	314		24.3	2.4				994	*	127		25.1	1.8			
ASIA - THAILAND BANGKOK 48455 1344N 10034E 0B 1																										
030	23743	9	-54.8		9	99	95	17	030	23796	7	-55.7		7	98	95	18	030	23727	4	-75.1	5.8				
050	20554	3	-63.4		3	94	80	9	050	20605	6	-65.1		6	36	65	2	050	20650	2	-61.7	6.6	9	50	297	4
100	16553	0	-81.6		0	96	90	16	100	16575	3	-81.1		3	95	95	13	100	16727	4	-75.1	5.8				
150	14208	0	-67.6		0	83	80	9	150	14229	0	-67.6		0	96	75	12	150	14403	2	-61.7	6.6	9	50	297	4
200	12417	0	-52.8	0	0	77	70	6	200	12437	0	-53.0		0	83	65	7	200	12469	1	-48.6	7.2	4	57	297	4
300	9668	0	-30.9	8.3	0	60	50	3	300	9686	0	-30.1	8.1	0	58	55	3	300	9683	1	-28.7	7.8	2	71	283	5
500	5841	0	-5.3	6.0	0	28	225	2	500	5855	0	-5.3	4.9	0	9	5	1	500	5845	1	-4.8	7.8	2	54	236	3
700	3120	0	9.2	4.4	1	49	245	5	700	3132	0	10.2	5.6	0	52	270	3	700	3121	1	9.6	3.0	2	45	262	3
850	1478	0	18.4	3.9	1	74	245	5	850	1487	0	18.9	3.7	0	78	265	5	850	1476	1	18.5	2.5	2	30	216	2
1006	* 20		26.8	2.2					1007	*	5		25.4	1.8				1007	*	6		23.7	1.4			
ASIA - CHINA HAILAR 50527 4913N 11945E 0B 1																										
030	23987	7	-50.5	9.9	9	67	290	1	030	23996	7	-52.1		8	75	75	2	030	23905	2	-53.8		2	25	73	1
050	20648	3	-51.8	9.4	3	75	293	2	050	20728	0	-58.1		2	75	332	2	050	20685	0	-62.3		1	50	324	2
100	16165	1	-52.5	8.7	1	82	310	5	100	16407	0	-59.8	9.6	1	94	274	8	100	16498	0	-66.9	9.0	1	96	290	13
150	13540																									

ASIA-CHINA

UPPER AIR

MAY 1989

AFRICA-USA

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm	°C	°C	%	o			mps	mb	gpm	°C	°C	%	o			mps	mb	gpm	°C	°C	%	o			mps	
AFRICA - USA (OCEAN ISLANDS) DIEGO GARCIA 61967 0721S 07229E 0B 1																											
030									030	23869	4	-54.7		5	52	274	6	030	23602	8	-55.2		9	97	271	29	
050									050	20626	3	-57.9		3	81	271	9	050	20341	4	-56.7		5	96	272	27	
100									100	16295	1	-60.6		1	95	266	22	100	15930	1	-56.2		1	96	271	28	
150									150	13750	0	-56.7		1	91	265	27	150	13349	1	-55.9		1	95	269	30	
200									200	11927	0	-56.8		1	85	262	27	200	11523	0	-57.6		0	91	270	30	
300	9671	12	-31.5	13.4		2	56	120	300	9306	0	-14.5		0	73	262	21	300	8927	0	-49.1		0	85	270	33	
500	5851	2	-5.0	14.6		2	56	120	500	5688	0	-17.4	15.6	1	69	257	14	500	5401	0	-24.8	11.4	0	86	271	26	
700	3133	2	9.8	14.1		2	42	163	700	3087	0	-1.8	17.3	0	63	258	9	700	2872	0	-8.8	14.2	0	91	266	21	
850	1496	2	16.9	3.8		2	66	153	850	1522	0	4.5	9.6	0	57	256	6	850	1347	0	-1.6	8.5	0	92	267	18	
1009	*	2	24.5	3.5					1017	*	29	14.0	4.8					1001	*	30	6.2	5.7					
AFRICA - SUDAN KHARTOUM 62721 1536N 03233E 0B																											
030									030	23869	4	-54.7		5	52	274	6	030	23602	8	-55.2		9	97	271	29	
050									050	20626	3	-57.9		3	81	271	9	050	20341	4	-56.7		5	96	272	27	
100	14270	9	-64.4						100	16582	2	-79.3		3	75	40	6	100	16573	3	-79.6		3	70	130	7	
150									150	14216	2	-66.8		2	33	350	2	150	14222	3	-66.9		3	50	40	3	
200	12462	9	-52.3						200	12422	2	-53.4	16.7	2	43	260	3	200	12421	2	-53.6	14.3	2	50	160	3	
300	9676	9	-32.4	10.5		9	20	335	300	9689	1	-32.2	16.5	1	43	210	3	300	9683	2	-31.3	19.3	2	50	140	3	
500	5919	9	7.5	7.5		9	20	335	500	5886	0	-6.6	18.7	0	83	60	5	500	5869	2	-6.7	15.8	3	83	170	5	
700	3189	9	13.3	9.6		9	67	307	700	3173	0	12.8	0.5	0	83	165	5	700	3154	2	13.5	13.4	2	100	100	5	
850	1521	9	27.6	16.8		7	64	187	850	*2325	24.0	18.0					768	*2324	23.7	16.8							
964	*	380	38.6	22.2																							
AFRICA - COTE D'IVOIRE ABIDJAN 655578 0515N 00356W 0B 2																											
030									030	23869	4	-54.7		5	52	274	6	030	23602	8	-55.2		9	97	271	29	
050									050	20626	3	-57.9		3	81	271	9	050	20341	4	-56.7		5	96	272	27	
100	16598	10	-78.4						100	14206	15	-64.3		9	92	257	18	100	16592	1	-73.8						
150	14237	10	-67.7						200	12401	9	-52.4	20.7	3	71	239	19	200	14173	1	-64.1						
200	12450	10	-53.6						300	9655	0	-32.9	23.8	0	63	234	14	300	9638	1	-34.4	21.1					
300	9710	10	-31.2	7.5					500	5870	0	-7.1	25.8	0	50	225	5	500	5866	1	-7.7	25.9					
500	5885	10	4.3						700	3175	0	5.4	8.7	0	25	117	1	700	3179	1	5.7	9.2					
700	3171	10	9.5	4.9					850	1559	0	13.5	5.3	0	86	59	3	850	1557	1	15.5	10.1					
850	1527	10	18.6	2.9					8923	*1472	13.0	4.5					872	*1344	12.7	3.3							
1011	*	8	28.8	4.3																							
AFRICA - SOUTH AFRICA PRETORIA (IRENE) 68263 2555S 02813E 0B 1																											
030	23867	3	-53.2		6	63	105	5	030	23873	7	-53.9		8	59	85	5	030	23919	5	-52.6						
050	20631	1	-62.2		1	90	90	7	050	20654	2	-61.4		3	53	316	4	050	20702	3	-63.9						
100	16489	0	-70.9		0	96	285	14	100	16460	0	-68.5		0	93	280	18	100	16473	2	-68.7		2	85	264	21	
150	14037	0	-61.4		0	93	265	26	150	13989	0	-61.3		0	94	270	28	150	14001	2	-60.2		2	93	262	29	
200	12222	0	-53.7		0	90	257	29	200	12180	0	-55.2		0	94	266	33	200	12187	2	-55.3		2	84	261	23	
300	9536	0	-38.5	14.4	0	84	257	22	300	9513	0	-39.5	12.4	0	89	270	23	300	9523	2	-40.0	15.0	2	84	255	18	
500	5827	31	-11.7	18.8	0	71	256	9	500	621	6.2	31.0	9	90	310	0	500	5836	2	-13.0	20.7	2	76	265	8		
700	3172	0	3.8	6.5	0	75	287	5	700	3160	0	5.0	14.9	0	80	11		700	3188	2	3.5	9.4	2	81	301	4	
850	1562	3	10.3	3.9	4	54	156	1	850	1544	0	16.0	13.0	0	58	338	4	850	*1400	6	6.6	2.2	4	47	349	1	
854	*1500	9	9.9	3.5					923	*800	12.3	8.2						850	1583	2	8.8	5.7	4	47	349	1	
AFRICA - SOUTH AFRICA DURBAN (LOUIS BOTHA) 68588 2958S 03057E 0B 1																											
030	23901	4	-53.1		5	59	103	6	030	23868	3	-53.5		5	41	295	6	030	23900	9	-52.8		9	64	286	6	
050	20658	3	-60.0		3	39	26	3	050	20625	0	-58.2		0	70	295	10	050	20660	2	-58.6		3	92	288	9	
100	16445	0	-66.9		1	92	272	20	100	16337	0	-63.8		0	97	278	30	100	16473	0	-63.3		1	96	276	21	
150	13957	0	-59.2		0	93	272	30	150	13830	0	-59.3		0	97	274	40	150	13858	0	-58.4		0	95	268	27	
200	12135	0	-54.4		0	93	264	33	200	12016	0	-56.0		0	95	272	44	200	12039	0	-56.0		0	93	264	28	
300	9472																										

AFRICA-SOUTH AFRICA

UPPER AIR

MAY 1989

LEVEL mb	TEMPERATURE				VECTOR WIND				LEVEL mb	TEMPERATURE				VECTOR WIND				LEVEL mb	TEMPERATURE				VECTOR WIND			
	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps
AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 4021S 00953W 0B 2																										
030		13	-68.0	5.0	5				030	20415	5	-56.0		7	98	275	28	030	20663	12	-48.7					
050	0		2.0	7					050	16019	1	-56.9		1	97	273	28	050	16105	2	-49.1			3	76	256
100		-60.2	0.0	9					100									100					3	72	250	
150	12696	-55.4	0.0	7					150	13448	1	-55.9		1	92	270	29	150	13435	2	-47.6			3	72	250
200	12655	-74.0	0.0	8					200	11628	1	-58.1		1	87	271	28	200	11533	2	-47.5			4	63	239
300									300	9031	1	-48.6	14.7	1	88	276	27	300	8880	2	-49.8			2	50	208
500									500	5490	1	-23.3	17.7	1	88	270	20	500	5396	1	-29.5	8.3		1	46	200
700	2652	2	-49.7	0.5	5	31			700	2948	1	-7.0	17.1	1	82	274	13	700	2915	0	-14.4	6.4		0	39	192
850		44.9	0.0	2	50		20		850	1413	1	-0.3	11.0	1	73	284	7	850	1423	0	-8.2	6.6		0	20	171
*	54		8.1	0.9					1009	*	22		6.4	2.3				1019	*	4	-9.7	1.6				
N AMERICA - USA KOTZEBUE, RALPH WIEN, AK. 70133 6652N 16238W 0B 1																										
030	24064	10	-48.9						030	23922	7	-51.3		0	74	90	2	030	23948	3	-51.7			4	81	84
050	20713	7	-49.6		9	27	215	1	050	20608	5	-51.8		6	28	188	1	050	20647	3	-52.9			3	15	223
100	16172	3	-48.7		5	78	233	5	100	16108	1	-50.5		1	69	236	4	100	16160	2	-51.4			2	73	239
150	13496	3	-47.0		6	75	231	6	150	13448	2	-48.3		1	68	242	5	150	13512	2	-49.3			2	71	243
200	11583	2	-46.7		5	76	227	8	200	11549	0	-47.8		0	67	248	7	200	11620	1	-49.4			1	67	255
300	8910	1	-48.5		3	66	222	14	300	8892	0	-49.4		0	54	247	9	300	8977	0	-48.8			0	55	251
500	5410	0	-27.7	8.3	2	60	206	7	500	5396	0	-27.5	6.1	0	38	243	4	500	5450	0	-25.0	6.4		0	43	242
700	2912	0	-12.9	6.7	1	55	188	5	700	2896	0	-12.7	6.1	0	28	213	2	700	2926	0	-10.3	5.1		0	37	219
850	1410	0	-6.0	4.8	0	48	175	4	850	1393	0	-5.6	5.3	1	36	173	2	850	1412	0	-4.1	2.6		0	45	198
1015	*	5	0.0	3.9					1012	*	7	-1.5	1.9					1009	*	46	0.8	1.2				
N AMERICA - USA ANCHORAGE/INTL, AK. 70273 6110N 15001W 0B 2																										
030	23939	7	-52.2		7	78	80	3	030	23878	7	-54.2		8	72	71	2	030	23902	7	-52.6			7	69	79
050	20639	4	-53.4		4	8	237	0	050	20611	6	-55.1		6	24	246	1	050	20615	7	-54.5			7	13	293
100	16171	1	-52.4		1	74	248	5	100	16178	4	-53.9		4	74	250	6	100	16183	3	-53.7			3	76	273
150	13532	1	-49.5		1	75	244	7	150	13570	3	-51.9		5	74	256	11	150	13561	3	-51.3			3	75	265
200	11645	0	-50.2		0	72	249	10	200	11708	3	-52.7		5	75	262	16	200	11695	2	-51.9			5	58	260
300	9002	0	-48.7		0	49	230	10	300	9073	3	-46.8		3	68	256	20	300	9063	2	-48.2			2	32	224
500	5478	0	-24.9	6.3	0	52	217	6	500	5501	1	-22.7	6.3	1	63	243	12	500	5519	1	-24.0	6.1		1	36	209
700	2955	0	-10.0	4.1	0	58	180	5	700	2957	1	-8.0	3.7	1	52	238	6	700	2984	1	-8.4	4.1		1	46	185
850	1432	0	-1.2	3.6	1	36	145	2	850	1430	1	-2.4	4.8	1	40	240	4	850	1452	1	-0.1	5.1		1	57	162
1008	*	40	5.8	4.2					1012	*	31		3.2	1.8				1015	*	9	5.2	0.9				
N AMERICA - USA SHEMYA AFB, AK. 70414 5243N 17406E 0B 2																										
030									030	23932	6	-51.9		6	46	75	3	030								
050									050	20667	3	-58.6		3	40	99	1	050								
100	16202	8	-51.8		8	76	247	6	100	16441	0	-67.0		2	84	282	10	100	16507	8	-71.9			7	62	281
150	13556	5	-50.1		5	75	245	8	150	13980	0	-65.9		1	91	282	23	150	14090	6	-66.6			6	82	278
200	11678	5	-51.2		5	54	250	8	200	12206	0	-58.3		1	89	284	26	200	12312	6	-57.0			6	76	276
300	9062	4	-46.6		4	27	270	6	300	9540	0	-38.2		1	84	278	19	300	9621	6	-36.1			6	66	284
500	5502	0	-22.3	7.6	1	19	250	3	500	5816	0	-11.1		0	80	280	12	500	5867	6	-8.7			6	46	301
700	2951	0	-7.3	7.7	0	11	269	1	700	3141	0	7.0		0	73	273	7	700	3162	5	10.4			6	44	174
850	1419	0	-1.5	4.7	0	32	234	5	850	1516	0	16.1	9.6	0	71	224	7	850	1519	5	18.7	10.6		6	95	171
1008	*	31	3.4	2.3					999	*	124		19.0	2.3				1011	*	6	24.1	1.1				
N AMERICA - USA SAN DIEGO/MONTGOMERY FLD, CA. 72290 3249N 11708W 0B 2																										
030	23924	10	-52.8		1	20	63	1	030	23953	8	-52.2		0	47	85	2	030	23953	6	-52.6			6	38	86
050	20672	7	-59.6		7	29	84	1	050	20692	7	-58.1		9	52	61	2	050	20689	3	-58.0			3	25	90
100	16424	2	-65.5		2	89	257	11	100	16411	4	-63.3		9	85	292	8	100	16395	0	-63.5			0	80	283
150	13936	2	-62.6		2	92	258	24	150	13903	3	-60.5		9	91	288	21	150	13886	0	-61.3			0	92	279
200	12148	2	-58.0		3	89	257	25	200	12100	3	-56.5		8	84	278	27	200	12096	0	-58.1			1	82	269
300	9492	1	-39.6		2	88	258	21	300	9434	3	-39.7		4	85	279	25	300	9443	0	-40.0			0	82</	

N AMER-USA

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
					</																					

N AMER-CURACAO BONAIRE

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND																				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED																	
mbar	gpm		°C	°C		%	°	mps	mb	gpm	°C	°C		%	°	mps	mb	gpm	°C	°C		%	°	mps																	
N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 1212N 06858W 0B 3	S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 0442N 07408W 0B 1	S AMERICA - FRENCH GUIANA CAYENNE/ROCHAMBEAU 81405 0450N 05222W 0B 2	S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 0123S 04829W 0B 2	S AMERICA - BRAZIL FORTALEZA 82397 0344S 03833W 0B	S AMERICA - BRAZIL FERNANDO DE NORONHA 82400 0351S 03225W 0B 2	S AMERICA - BRAZIL RECIFE (CURADO) 82900 0803S 03455W 0B 2	S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 1552S 04756W 0B	S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 2028S 05440W 0B	S AMERICA - BRAZIL GALEAO 83746 2249S 04315W 0B	S AMERICA - BRAZIL SAO PAULO (AEROPORTO) 83780 2337S 04639W 0B	S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 2531S 04910W 0B	S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 3000S 05111W 0B	S AMERICA - PERU LIMA-CALLAO/AEROP. INTL 84628 1200S 07707W 0B 1	S AMERICA - ARGENTINA SALTA AERO 87047 2451S 06529W 0B 2																											
030 23873 5 -54.5 050 20664 2 -62.7 100 16583 0 -78.6 150 14220 0 -68.2 200 12436 0 -54.2 300 9703 0 -31.8 10.8 1 76 248 7 300 500 5886 0 -5.4 13.9 1 11 150 1 500 700 3165 0 9.6 11.0 0 78 124 6 700 850 1524 0 18.4 5.8 0 94 117 9 752 1006 * 62 26.2 3.4	030 14187 23 -67.9 050 12404 23 -54.2 100 9674 25 -31.9 11.5 25 84 103 7 300 150 5862 25 -6.2 4.3 27 86 106 6 500 200 3146 25 9.8 2.4 26 57 127 2 700 300 *2548 13.9 3.1 850 1504	030 20620 6 -65.4 050 16579 1 -79.9 100 14221 2 -67.7 150 12432 0 -53.2 200 9691 1 -31.2 8.4 1 57 142 4 300 5870 0 -5.7 8.5 1 88 91 7 700 3150 0 8.7 6.7 0 0 93 10 850 1524 0 16.5 1.8 0 94 78 8 1013 * 9 24.6 1.0	030 23856 16 -57.3 050 20713 11 -65.5 100 16640 4 -78.8 150 14263 4 -65.4 200 12463 4 -52.5 300 9718 5 -30.9 10.0 4 60 82 5 500 5894 4 -6.0 8.9 4 93 78 7 700 3177 4 9.4 6.3 4 92 84 6 850 1536 4 17.4 3.6 4 92 90 6 1007 * 56 27.0 3.4	030 23919 3 -54.3 050 20809 1 -63.5 100 16749 0 -75.9 150 14224 1 -66.2 200 12433 1 -54.0 300 9705 1 -33.3 16.0 0 69 263 12 200 500 5898 1 -6.2 20.5 0 57 271 4 500 700 3184 1 7.9 13.1 0 10 88 1 700 850 1553 1 15.9 7.8 0 92 88 6 850 901 *1061 18.6 8.3 954 * 567 0.5 8.2	030 23937 8 -51.0 050 20679 4 -60.2 100 16546 2 -74.1 150 14135 3 -65.8 200 12348 2 -54.8 300 9642 2 -35.3 17.0 2 88 275 18 500 5869 2 -8.2 21.2 2 48 248 6 700 3173 2 7.5 16.5 2 6 266 1 850 1547 2 15.3 10.8 2 62 49 4 954 * 567 0.5 8.2	030 23919 1 -51.9 050 20673 0 -60.9 100 16515 0 -72.3 150 14086 0 -65.0 200 12295 0 -55.7 300 9601 0 -36.8 16.7 4 88 271 19 300 500 5856 0 -9.7 20.8 0 72 273 9 500 700 3173 0 5.8 15.6 0 27 258 2 700 850 1562 0 12.7 6.7 0 8 178 1 850 901 * 803 16.1 5.3 919 * 908 12.6 2.6	030 23873 4 -53.3 050 20639 1 -61.3 100 16493 0 -72.5 150 14072 0 -65.3 200 12302 0 -56.6 300 9601 0 -36.8 16.7 4 88 271 19 300 500 5856 0 -9.7 20.8 0 72 273 9 500 700 3173 0 5.9 16.1 0 14 280 1 700 850 1563 1 10.9 6.0 1 33 63 2 919 * 908 12.6 2.6	030 23944 8 -51.1 050 20676 6 -58.8 100 16509 2 -70.3 150 14080 1 -64.2 200 12274 1 -56.8 300 9573 1 -37.4 16.9 4 82 253 18 500 5842 1 -10.2 18.7 2 60 239 8 700 3168 1 4.7 18.5 1 25 275 2 850 1563 1 10.9 6.0 1 33 63 2 919 * 908 12.6 2.6	030 23860 8 -53.6 050 20632 3 -61.0 100 16421 2 -69.0 150 13960 1 -63.5 200 12173 1 -57.3 300 9507 1 -39.5 18.6 2 87 245 20 300 500 5809 1 -13.1 19.6 1 67 239 9 500 700 3152 1 3.8 22.2 1 44 247 4 700 850 1552 1 9.8 10.6 1 9 257 1 850 1022 * 3 14.1 4.0 1011 * 13 17.5 2.3	030 16493 13 -78.4 050 14143 7 -68.7 100 12364 7 -55.8 150 9561 7 -33.7 21.2 7 64 314 10 300 200 5864 7 -6.5 13.7 7 56 152 1 700 300 3145 7 10.6 18.4 7 29 152 1 700 500 5864 7 -6.5 13.7 7 56 152 1 700 700 3128 0 9.7 18.3 1 70 325 4 850 1520 0 9.1 2.0 0 56 90 1 881 *1221 8.0 1.2	030 23828 1 -52.6 050 20594 0 -61.0 100 14026 0 -66.8 150 12252 0 -57.6 200 9573 0 -36.4 15.2 0 77 275 18 500 5828 0 -8.4 20.6 0 69 65 6 700 3128 0 9.7 18.3 1 70 325 4 850 1520 0 9.1 2.0 0 56 90 1 881 *1221 8.0 1.2	030 23856 16 -57.3 050 20713 11 -65.5 100 16640 4 -78.8 150 14263 4 -65.4 200 12463 4 -52.5 300 9718 5 -30.9 10.0 4 60 82 5 500 5894 4 -6.0 8.9 4 93 78 7 700 3177 4 9.4 6.3 4 92 84 6 850 1536 4 17.4 3.6 4 92 90 6 1007 * 56 27.0 3.4	030 23919 3 -54.3 050 20809 1 -63.5 100 16749 0 -75.9 150 14224 1 -66.2 200 12433 1 -54.0 300 9705 1 -33.3 16.0 0 69 263 12 200 500 5898 1 -6.2 20.5 0 57 271 4 500 700 3184 1 7.9 13.1 0 10 88 1 700 850 1553 1 15.9 7.8 0 92 88 6 850 901 *1061 18.6 8.3 954 * 567 0.5 8.2	030 23937 8 -51.0 050 20679 4 -60.2 100 16546 2 -74.1 150 14135 3 -65.8 200 12348 2 -54.8 300 9642 2 -35.3 17.0 2 88 275 18 500 5869 2 -8.2 21.2 2 48 248 6 700 3173 2 7.5 16.5 2 6 266 1 850 1547 2 15.3 10.8 2 62 49 4 954 * 567 0.5 8.2	030 23919 1 -51.9 050 20673 0 -60.9 100 16515 0 -72.3 150 14086 0 -65.0 200 12295 0 -55.7 300 9601 0 -36.8 16.7 4 88 271 19 300 500 5856 0 -9.7 20.8 0 72 273 9 500 700 3173 0 5.8 15.6 0 27 258 2 700 850 1562 0 12.7 6.7 0 8 178 1 850 901 * 803 16.1 5.3 919 * 908 12.6 2.6	030 23873 4 -53.3 050 20639 1 -61.3 100 16493 0 -72.5 150 14072 0 -65.3 200 12302 0 -56.6 300 9601 0 -36.8 16.7 4 88 271 19 300 500 5856 0 -9.7 20.8 0 72 273 9 500 700 3173 0 5.9 16.1 0 14 280 1 700 850 1563 1 10.9 6.0 1 33 63 2 919 * 908 12.6 2.6	030 23944 8 -51.1 050 20676 6 -58.8 100 16509 2 -70.3 150 14080 1 -64.2 200 12274 1 -56.8 300 9573 1 -37.4 16.9 4 82 253 18 500 5842 1 -10.2 18.7 2 60 239 8 700 3168 1 4.7 18.5 1 25 275 2 850 1563 1 10.9 6.0 1 33 63 2 919 * 908 12.6 2.6	030 23860 8 -53.6 050 20632 3 -61.0 100 16421 2 -69.0 150 13960 1 -63.5 200 12173 1 -57.3 300 9507 1 -39.5 18.6 2 87 245 20 300 500 5809 1 -13.1 19.6 1 67 239 9 500 700 3152 1 3.8 22.2 1 44 247 4 700 850 1552 1 9.8 10.6 1 9 257 1 850 1022 * 3 14.1 4.0 1011 * 13 17.5 2.3	030 16493 13 -78.4 050 14143 7 -68.7 100 12364 7 -55.8 150 9561 7 -33.7 21.2 7 64 314 10 300 200 5864 7 -6.5 13.7 7 56 152 1 700 300 3145 7 10.6 18.4 7 29 152 1 700 500 5864 7 -6.5 13.7 7 56 152 1 700 700 3128 0 9.7 18.3 1 70 325 4 850 1520 0 9.1 2.0 0 56 90 1 881 *1221 8.0 1.2	030 23828 1 -52.6 050 20594 0 -61.0 100 14026 0 -66.8 150 12252 0 -57.6 200 9573 0 -36.4 15.2 0 77 275 18 500 5828 0 -8.4 20.6 0 69 65 6 700 3128 0 9.7 18.3 1 70 325 4 850 1520 0 9.1 2.0 0 56 90 1 881 *1221 8.0 1.2																					

S AMER-ARGENTINA

UPPER AIR

MAY 1989

SW PAC-SINGAPORE

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	% STEADINESS	DIRECTION	SPEED mps
mb	gpm						°	mps	mb	gpm					°	mps	mb	gpm					°	mps		
SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 0122N 10359E 0B 2																										
030	23762	8	-58.8		8	99	89	26	030	20637	7	-60.5		7	84	86	5	030	23913	6	-51.9		6	99	93	13
050	20617	6	-67.0		6	90	280	9	050	16441	2	-70.7		2	55	297	6	050	20667	5	-60.2		5	97	86	8
100	16587	0	-81.0		0	80	86	12	100	14009	0	-67.6		0	61	303	13	100	16458	0	-70.5		0	88	290	9
150	14243	0	-67.5		0	90	66	12	150	12248	0	-58.7		0	43	295	11	150	14036	0	-66.9		0	91	284	22
200	12449	0	-52.4	9.2	0	94	70	9	200	9574	0	-37.2	6.7	0	40	280	7	200	12266	0	-57.7		0	74	285	18
300	9690	0	-29.5	7.8	1	89	81	6	300	5834	0	-9.7	9.6	0	44	253	5	300	9590	0	-37.1		0	74	304	9
500	5853	0	-5.1	3.9	1	9	63	1	500	3161	0	5.3	7.5	0	32	209	3	500	5847	0	-9.3		0	68	349	4
700	3128	0	10.1	5.2	1	65	292	4	700	1550	0	12.8	4.8	0	35	172	3	700	3162	0	6.4		0	30	64	1
850	1482	0	19.1	5.0	4	61	247	3	850	1018	*	13	21.7	3.5				850	1551	0	12.0	2.4	0	89	72	6
1005	* 16	28.3	3.5															1014	* 45	22.4	3.2					
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 1943N 15504W 0B 2																										
030	23846	9	-53.5		9	99	89	14	030	23890	5	-55.9		5	99	89	24	030	23859	22	-51.5		27	94	87	8
050	20617	8	-61.2		8	97	90	7	050	20689	3	-63.3		3	10	61	0	050	20629	15	-62.6		21	42	92	4
100	16427	2	-72.0		2	92	284	12	100	16627	4	-80.0		4	69	344	7	100	16519	5	-75.8		10	86	264	14
150	14019	2	-67.7		3	97	277	30	150	14271	6	-67.7		3	69	287	7	150	14123	4	-65.0		6	94	267	24
200	12250	1	-57.9		1	92	274	27	200	12478	5	-52.6		5	55	269	11	200	12318	3	-52.7		5	94	270	29
300	9574	0	-37.1		0	85	284	14	300	9972	3	-29.6		3	22	258	1	300	9593	2	-34.1	13.0	3	91	270	22
500	5834	0	-9.8		1	78	293	4	500	5881	2	-4.8	6.5	3	82	74	5	500	5825	0	-7.5	15.7	1	82	267	11
700	3157	0	5.7		2	18	110	1	700	3156	2	9.9	4.6	3	96	91	8	700	3127	0	7.0	14.1	0	38	291	2
850	1547	0	12.4	1.6	2	67	102	2	850	1512	3	18.0	3.0	3	94	93	8	850	1513	1	12.4	3.1	2	69	97	5
1017	* 11	20.5	1.6						1010	* 2	28.3	4.2						1007	* 72	22.7	4.0					
SW PACIFIC - NEW ZEALAND (KIRIBATI) TARAWA 91610 0121N 17255E 0B																										
030	23777	10	-55.4						030	23816	0	-55.0						030	23882	6	-53.0					
050	20609	2	-65.0						050	20622	0	-63.2						050	20648	2	-62.1					
100	16559	2	-52.4						100	16554	0	-81.7						100	16548	1	-77.8					
150	14225	1	-69.3	8.9					150	14215	0	-69.3						150	14176	1	-67.4	11.3				
200	12442	1	-54.2	10.3					200	12434	0	-54.4						200	12389	1	-54.1	11.7				
300	9706	0	-30.9	12.1					300	9700	0	-31.3	11.0	9	80	237	8	300	9657	0	-32.9	11.1				
500	5876	0	-4.7	13.5					500	5872	0	-5.7	10.5	9	55	88	3	500	5858	0	-6.6	11.6	9	55	286	12
700	3150	0	10.6	8.6					700	3153	0	10.0	9.3	9	90	80	7	700	3148	0	8.7	10.2	8	50	319	7
850	1505	0	18.3	3.4	9	92	90	17	850	1511	0	18.0	3.4	6	75	76	6	850	1517	0	16.4	6.0	5	33	28	4
1009	* 4	29.6	4.1						1010	* 2	29.2	4.1						1010	* 18	28.0	6.3					
SW PACIFIC - USA (SAMOA) PAGO PAGO/INT. AIRPORT 91765 1420S 17043W 0B 2																										
030	23857	10	-53.4		1	99	93	13	030	23902	9	-51.1		9	92	72	5	030	23798	12	-55.9		9	98	87	15
050	20641	9	-62.8		1	60	96	2	050	20638	4	-60.8		7	68	89	3	050	20598	9	-64.4		9	57	301	3
100	16552	1	-78.2		3	79	260	8	100	16485	3	-74.6		5	81	272	11	100	15510	0	-77.9		1	95	282	14
150	14187	0	-67.9		1	89	250	16	150	14093	2	-67.6		3	85	261	21	150	14181	0	-64.8	9.5	0	28	40	3
200	12406	0	-54.9		1	92	245	18	200	12319	1	-57.0		2	82	261	23	200	12391	0	-53.6	15.5	0	78	301	11
300	9684	0	-32.9	9.8	1	77	268	9	300	9624	0	-35.2	8.6	2	86	280	19	300	9663	0	-32.6	15.5	0	78	301	11
500	5875	0	-6.0		1	50	311	3	500	5852	0	-8.1	12.9	1	78	286	9	500	5860	0	-5.0	21.4	0	43	96	2
700	3151	0	9.2	8.9	1	30	43	1	700	3154	0	7.7	10.8	1	61	300	4	700	3139	0	10.3	20.4	0	83	88	6
850	1524	0	17.0	3.8	1	77	71	4	850	1527	0	15.2	3.1	1	45	36	4	850	1509	0	15.5	4.2	0	94	94	7
1011	* 3	25.7	2.3						1013	* 7	26.3	4.0						1014	* 52	28.4	6.0					
SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 1733S 14937W 0B 1																										
030	23944	1804S	14057W	0B 1					030	23816	0	-55.0						030	23867	11	-53.4		9	50	48	2
050	20645	4	-61.2						050	20622	0	-63.2						050	20645	4	-61.2		9	42	224	2
100	16446	1	-69.7						100	16548	1	-75.8						100	16446	1	-69.7		9	94	274	14
150	14008	0	-64.8						150	14008	0	-64.8						150	14008	0	-64.8		9	92	271	20
200	12219	0	-55.7						200	12219	0	-55.7						200	12219	0	-55.7		9	86	273	21
300</td																										

SW PAC-N ZEALAND

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm	°C	°C	%	%	%	°	mps	mb	gpm	°C	°C	%	%	%	°	mps	mb	gpm	°C	°C	%	%	%	°	mps
SW PACIFIC - NEW ZEALAND																										
KAITAIA																										
93012 3508S 17316E 0B 1																										
030	23869	6	-54.7		5	9	175	1	030	23817	10	-55.0		5	87	272	10	030	23640	18	-57.1	31.8	9	94	275	20
050	20622	5	-58.6		4	34	288	2	050	20552	7	-56.2		4	89	273	11	050	20346	11	-57.1	29.9	9	94	278	19
100	16326	4	-62.4		2	90	268	15	100	16348	3	-51.5		0	89	277	14	100	15992	2	-55.8	27.8	2	94	280	21
150	13789	3	-56.9		2	88	265	21	150	13776	3	-52.8		0	81	271	16	150	13412	1	-55.4	26.2	1	91	281	22
200	11944	1	-54.5		2	84	267	24	200	12039	1	-53.2		0	74	270	16	200	11582	1	-57.2	18.6	1	86	285	21
300	9301	1	-44.0		2	73	253	16	300	9145	1	-48.1		0	59	268	14	300	8997	1	-49.4	12.8	1	74	277	19
500	5682	0	-17.7	19.9	1	68	245	10	500	5583	0	-21.5	13.6	0	61	270	10	500	5462	0	-23.9	11.1	0	77	280	17
700	3076	0	-0.7	21.1	0	58	223	6	700	3016	0	-5.3	12.9	0	64	269	8	700	2923	0	-7.5	12.4	0	70	275	11
850	15010	0	6.2	6.5	0	47	214	4	850	1467	0	2.6	8.1	0	57	273	6	850	1387	0	0.2	6.9	1	81	279	13
1007	* 87		16.5	4.5					1017	*	1	9.2	3.0					1007	*	19		7.7	2.8			
SW PACIFIC - NEW ZEALAND																										
INVERCARGILL AERODROME																										
93844 4625S 16820E 0B 1																										
SW PACIFIC - NEW ZEALAND																										
CAMPBELL ISLAND																										
93944 5233S 16909E 0B 1																										
030	23869	6	-54.7		5	9	175	1	030	23817	10	-55.0		5	87	272	10	030	23640	18	-57.1	31.8	9	94	275	20
050	20622	5	-58.6		4	34	288	2	050	20552	7	-56.2		4	89	273	11	050	20346	11	-57.1	29.9	9	94	278	19
100	16326	4	-62.4		2	90	268	15	100	16348	3	-51.5		0	89	277	14	100	15992	2	-55.8	27.8	2	94	280	21
150	13789	3	-56.9		2	88	265	21	150	13776	3	-52.8		0	81	271	16	150	13412	1	-55.4	26.2	1	91	281	22
200	11944	1	-54.5		2	84	267	24	200	12039	1	-53.2		0	74	270	16	200	11582	1	-57.2	18.6	1	86	285	21
300	9301	1	-44.0		2	73	253	16	300	9145	1	-48.1		0	59	268	14	300	8997	1	-49.4	12.8	1	74	277	19
500	5682	0	-17.7	19.9	1	68	245	10	500	5583	0	-21.5	13.6	0	61	270	10	500	5462	0	-23.9	11.1	0	77	280	17
700	3076	0	-0.7	21.1	0	58	223	6	700	3016	0	-5.3	12.9	0	64	269	8	700	2923	0	-7.5	12.4	0	70	275	11
850	15010	0	6.2	6.5	0	47	214	4	850	1467	0	2.6	8.1	0	57	273	6	850	1387	0	0.2	6.9	1	81	279	13
1007	* 87		16.5	4.5					1017	*	1	9.2	3.0					1007	*	19		7.7	2.8			
SW PACIFIC - NEW ZEALAND																										
CHATHAM ISLAND																										
93986 4357S 17634W 0B 1																										
030	23780	8	-55.9	32.0	7	64	277	6	030	23799	1	-56.4		2	98	90	15	030	23805	3	-55.3		4	95	98	3
050	20543	7	-57.8	31.3	6	88	278	8	050	20608	0	-64.4		1	64	112	4	050	20605	2	-63.6		2	73	101	5
100	16184	1	-58.0	28.4	1	91	285	12	100	16590	0	-81.8		1	45	224	3	100	16560	1	-80.0		0	73	244	10
150	13616	1	-55.7	27.2	1	86	285	13	150	14245	0	-67.3		2	42	268	5	150	14234	3	-67.9		0	55	288	6
200	11785	1	-56.3	19.7	1	71	288	12	200	12452	0	-52.8		2	54	275	6	200	12444	1	-53.3		0	71	294	8
300	9188	0	-47.6	11.4	0	34	303	7	300	9701	0	-30.2		2	66	246	6	300	9700	1	-30.2		0	71	253	6
500	5610	0	-20.4	12.7	0	39	306	5	500	5863	0	-4.3	24.7	3	40	255	2	500	5865	0	-4.7	19.4	0	26	246	2
700	3028	0	-2.8	13.3	0	36	322	4	700	3146	0	10.0	17.9	0	32	277	2	700	3143	0	10.4	16.4	0	39	277	2
850	1467	0	4.4	9.2	0	32	354	3	850	1513	0	17.1	8.3	0	95	113	7	850	1508	0	16.7	6.6	0	74	114	6
1010	* 48		12.3	2.3					1014	*	6	23.2	4.2					1011	*	9		26.7	4.6			
SW PACIFIC - AUSTRALIA																										
BROOME AIRPORT																										
94203 1757S 12213E 0B																										
030	23817	1	-54.8		2	96	85	11	030	23812	3	-54.0		3	92	78	9	030	23805	3	-55.3		4	95	83	12
050	20615	1	-64.8		1	93	106	8	050	20608	3	-64.1		2	76	107	5	050	20605	2	-63.6		2	73	101	5
100	16579	1	-79.5		0	83	253	9	100	16550	0	-78.8		1	88	260	13	100	16560	1	-80.0		0	73	244	10
150	14214	1	-66.4		0	89	261	16	150	14185	0	-66.6		1	86	268	24	150	14207	1	-67.1		0	80	267	16
200	12416	1	-52.7		0	89	254	19	200	12388	0	-52.8		1	88	269	25	200	12414	0	-53.0		0	85	271	18
300	9671	1	-30.7		0	86	259	16	300	9647	0	-31.7		1	88	262	21	300	9669	0	-30.8		1	90	267	16
500	5848	1	-5.5	21.1	0	77	260	8	500	5848	0	-9.3	18.9	1	71	275	8	500	5853	0	-5.4	17.2	1	44	250	5
700	3140	0	8.0																							

SW PAC-AUSTRALIA

UPPER AIR

MAY 1989

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
SW PACIFIC - AUSTRALIA BRISBANE AIRPORT 94578 2726S 15305E 08 1								SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 3156S 11557E 08								SW PACIFIC - AUSTRALIA KALGOORLIE AIRPORT 94637 3046S 12127E 08										
030	23826	7	-54.3		7	6	142	1	030	23883	6	-54.4				030	23826									
050	20614	3	-61.9		1	35	83	2	050	20655	2	-60.2				050	20614									
100	16442	2	-70.9		1	90	259	14	100	16414	0	-66.3		3	95	267	20	100								
150	13998	2	-62.0		1	94	270	30	150	13919	0	-58.7		1	96	265	38	150								
200	12188	0	-53.9		0	92	276	38	200	12087	0	-51.8		0	92	264	41	200	12114	1	-52.3					
300	9503	0	-38.3		0	88	273	26	300	9393	0	-39.2		0	83	266	30	300	9421	0	-38.0					
500	5790	0	-11.8	12.2	0	68	272	9	500	5722	0	-14.7	14.2	0	73	277	12	500	5735	0	-14.1	14.9		76	259	
700	3137	0	3.3	13.9	0	9	169	1	700	3091	0	2.0	14.5	1	59	283	6	700	3103	0	1.9	16.3		60	271	
850	1542	0	10.1	4.0	0	62	101	5	850	1503	0	9.0	8.1	1	37	312	3	850	1521	0	8.7	7.2	7	49	321	
1019	*	6	19.8	3.4					1015	*	12	12.0	3.0					975	*	360	10.3	2.8				
SW PACIFIC - AUSTRALIA ESPERANCE 94638 3349S 12153E 08								SW PACIFIC - AUSTRALIA FORREST AIRPORT 94646 3050S 12806E 08								SW PACIFIC - AUSTRALIA WOOMERA AERODROME 94659 3109S 13648E 08 1										
030	23853	6	-54.9		9	12	114	1	030	23858	8	-54.4			26	31	2	030	23846	13	-55.8			33	151	
050	20630	3	-59.8		7	61	252	4	050	20638	7	-60.7		21	204	1	050	20637	8	-60.9			8	25		
100	16361	2	-64.6		5	93	266	23	100	16411	5	-67.1		9	95	259	15	100	16390	5	-65.8			1	93	
150	13851	1	-58.5		4	94	262	34	150	13922	4	-59.1		4	93	261	31	150	13980	3	-58.5			0	87	
200	12021	1	-52.9		3	89	262	36	200	12095	4	-52.9		4	88	257	36	200	12054	3	-52.0			0	92	
300	9354	1	-41.6		3	81	265	26	300	9410	4	-39.2		4	77	256	26	300	9375	3	-40.7			0	79	
500	5706	1	-16.0	16.5	3	73	265	11	500	5735	4	-14.3	16.6	2	67	254	11	500	5721	3	-16.2	14.4		65	264	
700	3088	1	0.4	16.2	3	60	262	6	700	3104	4	1.5	14.9	2	45	256	5	700	3103	3	-0.7	14.4		54	258	
850	1510	1	6.6	6.0	3	40	259	3.	850	1523	4	7.9	7.5	2	20	266	2	850	1526	3	7.3	8.6		0	19	
1015	*	26	12.2	2.2					1000	*	160	11.6	1.9					1000	*	167	12.6	2.3				
SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 94672 3456S 13831E 08								SW PACIFIC - AUSTRALIA COBAR 94711 3129S 14549E 08								SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 3457S 11748E 08										
030	23868	5	-54.9		4	40	40	5	030								030	23860	8	-54.5						
050	20637	4	-59.3		1	47	245	3	050	20643	7	-60.2			8	92	270	18	100	16335	1	-63.4			5	87
100	16343	2	-62.2		0	94	270	19	100	16397	6	-65.6		3	90	271	31	150	13816	1	-57.6			5	73	
150	13807	0	-56.9		1	87	270	25	150	13899	6	-59.2		2	87	274	31	200	11984	1	-53.5			5	22	
200	11970	0	-54.1		0	80	265	25	200	12077	6	-54.8		1	82	278	23	300	9326	0	-42.7			5	22	
300	9326	0	-43.4		0	60	275	16	300	9422	5	-41.2		1	71	295	8	500	5691	0	-16.3	16.2	3	68	279	
500	5699	0	-17.1	12.1	0	50	285	7	500	5753	4	-14.1	18.5	0	71	295	8	700	3075	0	0.2	14.5	2	53	275	
700	3091	0	-4.9	12.1	0	34	300	4	700	3120	4	1.8	13.2	0	47	318	4	850	1500	0	6.7	5.8	0	41	271	
850	1520	0	5.6	6.1	1	33	310	3	850	1532	4	9.1	7.8	0	39	70	3	1009	*	69	10.8	1.2				
1020	*	4	13.6	3.4					989	*	265	13.9	2.3													
SW PACIFIC - AUSTRALIA MT GAMBIER AIRPORT 94821 3744S 14047E 08								SW PACIFIC - AUSTRALIA LAVERTON AERODROME 94865 3751S 14444E 08 1								SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 3509S 14727E 08										
030	23831	1	-55.0		1	17	194	2	030								030	23860	8	-54.5						
050	20576	1	-58.2		1	75	255	6	050	20605	7	-59.0		3	54	250	4	050	20614	9	-59.4					
100	16268	1	-60.5		0	94	268	19	100	16274	3	-60.8		1	92	267	18	100	16319	3	-62.5			90	267	
150	13726	1	-57.1		0	93	269	23	150	13731	1	-57.4		1	93	274	23	150	13799	2	-58.5			89	285	
200	12000	1	-55.5		0	78	267	21	200	11908	1	-57.5		1	82	267	22	200	11983	2	-56.9			9	282	
300	9288	1	-19.5		0	66	276	15	300	9297	0	-45.0		0	71	271	16	300	9366	1	-43.7			6	206	
500	5676	1	-17.9	13.8	0	64	281	9	500	5679	0	-17.7	12.7	0	67	280	10	500	5728	1	-16.2	12.8	2	78	279	
700	3078	1	-1.5	17.1	0	39	293	4	700	3085	0	-2.0	13.8	0	54	288	5	700	3113	1	-0.2	13.5	0	61	296	
850	1511	1	5.0	7.0	0	28	297	3	850	1519	0	6.0	7.0	0	47	303	4	850	1536	1	6.9	4.4	0	30	325	
1012	*	69	10.7	1.1					1016	*	14	11.2	1.8					996	*	213	12.4	2.3				
SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 4250S 14730E 08 1								SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND 94995 3131S 15905E 08								SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) NORFOLK ISLAND AIRPORT 94996 2902S 16756E 08										
030	23824	6	-54.0					030	23830	13	-55.2				26	309	2	030	23826	7	-54.8			9	47	
050	20573	4	-57.0					050	20613	6	-60.5				6	16	199	1	050	20600	2	-60.5			8	29
100	16176	2	-57.8		5	93	270	17	100	16371	2	-66.3		0	94	261	18	100	16389	0	-68.0			4	265	
150	13611	2	-56.1		2	91	269	21	150	13884	2	-60.4		0	95	267	32	150	13925	0	-61.7			4	265	
200	11793	2	-58.3		0	76	272	20	200	12076	1	-55.6		0	94	268	36	200	12115	0	-54.5			4	268	
300	9193	2	-47.1		0	74	277	18	300	9426	1	-41.5		1	87	260	23	300	9439	0	-39.9			4	282	
500	5617	1	-20.2	10.7	0	78	281	13	500	5748	0	-14.5	13.0	0	72	241	9	500	5755	0	-13.1	15.3	3	76	249	
700	3044	1	-4.0	12.5	0	72	278	9	700	3121	0	1.1	17.6	0	56	218	5	700	3111	0	3.2	23.4	2	41	221	
850	1493	1	3.0	6.8	0	64	272	7	850	1538	0	7.7	4.9	1	19	193	2	850	1525	0	7.7	4.7	1	36	144	
1019	*	3	9.3	3.0				1019	*	46	20.5	6.4					1006	*	109	19.6	6.8					

SW PAC-AUSTRALIA

UPPER AIR

MAY 1989

PRESSURE mb	LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			
	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps				
SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)									SW PACIFIC - MALAYSIA (SABAH & SARAWAK)									SW PACIFIC - MALAYSIA (SABAH & SARAWAK)										
MACQUARIE ISLAND 94998 5429S 15856E OB									KUCHING 96413 0129N 11020E OB 3									BINTULU 96441 0312N 11302E OB 3										
030	23500	9	-55.5		9	96	279	28	030	23759	9	-58.5		10	93	93	24	030	23757	15	-58.1		21	100	89	25		
050	20318	3	-55.4		4	97	279	26	050	20617	2	-67.1		3	90	275	10	050	20607	3	-66.7		9	87	270	9		
100	15887	0	-54.5		0	95	282	26	100	16585	1	-81.5		1	71	90	10	100	16571	1	-81.2		8	54	75	7		
150	13291	0	-54.3		0	92	283	27	150	14237	1	-66.9		1	79	67	10	150	14221	1	-67.1	0.7	7	79	67	9		
200	11455	0	-55.9		0	86	280	29	200	12441	1	-52.7		1	81	75	8	200	12429	0	-53.2		5	80	75	8		
300	8861	0	-49.7		0	83	274	30	300	9690	1	-30.1	8.2	1	89	99	6	300	9685	0	-30.9	7.7	5	77	94	5		
500	5352	0	-26.1	4.5	0	82	279	24	500	5859	1	-5.4	4.1	1	24	90	1	500	5862	0	-5.5	4.9	5	31	116	2		
700	2836	0	-10.3	6.5	0	90	283	20	700	3139	1	9.7	4.8	1	61	286	4	700	3143	0	9.7	4.7	3	39	250	2		
850	1319	0	-2.7	3.4	0	87	285	16	850	1497	1	18.8	4.9	1	70	269	3	850	1501	0	18.8	5.1	3	70	270	3		
1000	*	6	5.1	1.9					1000	*	27	25.3	1.7					1000	*	5	26.3	3.8						
SW PACIFIC - MALAYSIA (SABAH & SARAWAK)									SW PACIFIC - MALAYSIA (SABAH & SARAWAK)									SW PACIFIC - ISLANDS										
KOTA KINABALU 96471 0556N 11603E OB 3									TAIWAU 96481 0416N 11753E OB 1									COCOS ISLAND AIRPORT										
030	23785	13	-57.2		17	99	91	25	030	23829	4	-56.5		31	100	230	14	030	23779	10	-55.6							
050	20629	6	-66.3		8	55	281	4	050	20663	3	-65.5		30	100	230	14	050	20594	6	-65.9							
100	16601	1	-81.1		3	88	73	10	100	16607	1	-81.0		24	66	82	6	100	16571	3	-81.1							
150	14244	1	-66.5		2	73	59	9	150	14246	0	-66.1		19	75	82	7	150	14227	2	-67.5							
200	12448	1	-53.3		1	60	81	6	200	12443	0	-51.9		18	69	95	5	200	12436	2	-53.1							
300	9703	1	-30.3	8.0	1	63	100	4	300	9692	1	-30.3	10.6	15	67	97	4	300	9691	2	-30.3							
500	5868	1	-4.7	5.4	1	46	105	3	500	5864	0	-5.1	5.4	15	91	89	6	500	5857	2	-5.0	9.8						
700	3141	1	10.3	4.6	1	22	238	1	700	3145	0	9.8	4.5	15	59	72	2	700	3137	2	9.9	9.8						
850	1496	1	19.1	4.2	1	57	251	3	850	1504	0	18.3	2.6	15	25	54	1	850	1498	2	16.9	3.4						
1000	*	3	27.3	3.4					1000	*	20	26.5	2.1					1000	*	3	26.4	3.5						

S AMER-ARGENTINA

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mps		
S. AMERICA - ARGENTINA SANTA ROSA AERO																										
87623	JAN 1989	3634S	06416W	OB 2																						
030	23922	7	-50.5		5	95	85	9	030	23810	2	-55.0		5	46	61	2	030	23723	4	6.1		4	13	320	1
050	20641	11	-57.7		8	68	96	4	050	20580	1	-58.4		1	69	357	12	050	20249	3	6.8		3	67	275	5
100	16380	10	-63.7		7	85	267	14	100	16250	0	-59.8		0	96	271	19	100	16109	0	6.9		0	90	271	12
150	13894	10	-59.7		8	89	272	24	150	13690	0	-53.3		0	96	268	28	150	13526	0	4.3		0	91	269	16
200	12072	9	-56.7		7	85	284	23	200	11400	0	-50.3		0	94	268	32	200	11683	0	5.7		0	87	271	19
300	9416	9	-39.7	11.7	9	84	280	19	300	9163	0	-34.6	24.1	0	83	269	24	300	9098	0	9.9		0	76	271	21
500	5740	10	-12.3	12.0	10	82	275	12	500	5602	0	-22.8	14.2	0	63	277	9	500	5535	0	7.3	4.1	0	84	266	17
700	3093	8	5.0	7.0	9	51	294	5	700	3050	0	-6.1	13.6	0	48	277	4	700	2983	0	5.6	3.9	0	87	258	13
850	1483	9	16.5	11.0	9	63	250	5	850	1509	0	3.1	8.0	0	26	240	1	850	1441	0	1.2	2.0	0	85	252	10
946	* 191		20.2	8.6					949	* 611		2.8	4.7					1002	* 104	0	9.3	3.5				

STATION LIST RECENT DATA

47409	C	ABASHIRI	JAPAN	83579	C	ARAXA	BRAZIL
03091	C	ABERDEEN/DYCE	U KINGDOM	44288	C	ARBAIHER	MONGOLIA
41112	C	ABHA	SAUDI ARABIA	84752	C	AREQUIPA	PERU
65578	CT	ABIDJAN	COTE D'IVOIRE	22550	CT	ARHANGEL'SK	USSR
72266	C	ABILENE, TX.	USA	85406	C	ARICA	CHILE
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	86330	C	ARTIGAS	URUGUAY
41217	CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	47407	C	ASAHIKAWA	JAPAN
62640	C	ABU HAMED	SUDAN	38880	CT	ASHABAD	USSR
62795	C	ABU NA'AMA	SUDAN	72315	C	ASHEVILLE/REG., NC	USA
76805	C	ACAPULCO, GRO.	MEXICO	63021	CT	ASMARA	ETHIOPIA
80427	C	ACARIGUA	VENZUELA	62414	C	ASSWAN	EGYPT
17352	CT	ADANA	TURKEY	72791	C	ASTORIA/CLATSOP, OR.	USA
63450	CT	ADDIS ABABA	ETHIOPIA	34880	C	ASTRAHAN	USSR
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
60620	C	ADRAR	ALGERIA	65376	C	ATAKPAME	TOGO
76644	C	AEROP. INTL MERIDA, YUC.	MEXICO	61421	C	ATAR	MAURITANIA
87582	C	AEROPARQUE	ARGENTINA	62680	C	ATBARA	SUDAN
17190	C	AFYON	TURKEY	16716	C	ATHENS/HELLINIKONI	GREECE
61024	C	AGADEZ	NIGER	16714	C	ATHINAI/OBSERVATORY	GREECE
60250	C	AGADIR	MOROCCO	72219	C	ATLANTA/MUN., GA.	USA
61974	C	AGALEGA	MAURITIUS	72407	C	ATLANTIC CITY, NJ.	USA
42261	C	AGRA	INDIA	91925	CT	ATUONA	FRENCH POLY.
42647	CT	AHMADABAD	INDIA	93119	C	AUCKLAND AIRPORT	N ZEALAND
60560	C	AIN SEFRA	ALGERIA	03322	T	AUGHTON	U KINGDOM
61499	C	AIOUN EL ATROUSS	MAURITANIA	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
07761	CT	AJACCIO	FRANCE	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
31168	C	AJAN	USSR	84673	C	AYACUCHO	PERU
47582	CT	AKITA	JAPAN	87642	C	AZUL AERO	ARGENTINA
61437	C	AKJOUJT	MAURITANIA	08329	C	BADAJOZ	SPAIN
42933	C	AKOLA	INDIA	83980	C	BAGE	BRAZIL
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	71727	C	BAGOTVILLE, QUE.	CANADA
04063	C	AKUREYRI	ICELAND	98328	C	BAGUIO	PHILIPPINES
48062	C	AKYAB	BURMA	87750	C	BAHIA BLANCA AERO	ARGENTINA
40420	C	AL AHSA	SAUDI ARABIA	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
40361	C	AL-JOUF	SAUDI ARABIA	71926	C	BAKER LAKE, N.W.T.	CANADA
94802	CT	ALBANY AIRPORT	AUSTRALIA	35796	C	BALHAS	USSR
72518	C	ALBANY/ALBANY CO., NY.	USA	96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA
06030	C	ALBORG	DENMARK & FAROE IS.	72406	C	BALTIMORE/B-WASHINGTON, MD.	USA
72365	C	ALBUQUERQUE/INTL, NM.	USA	61291	CT	BAMAKO/SENOU	MALI
31004	CT	ALDAN	USSR	64660	C	BAMBARI	CENTRAL AFRICAN REP
83931	C	ALEGRETE	BRAZIL	43295	C	BANGALORE	INDIA
40007	C	ALEPO	SYRIAN ARAB REP	48455	CT	BANGKOK	THAILAND
71082	C	ALERT, N.W.T.	CANADA	64650	C	BANGUI	CENTRAL AFRICAN REP
61997	C	ALFRED FAURE (ILES CROZET)	FRANCE	82784	C	BARBALHA	BRAZIL
16520	C	ALGHERO	ITALY	80419	C	BARCELONA	VENEZUELA
08359	C	ALICANTE	SPAIN	08181	C	BARCELONA/AEROPUERTO	SPAIN
94326	CT	ALICE SPRINGS AIRPORT	AUSTRALIA	87765	C	BARILOCHE AERO	ARGENTINA
64662	C	ALINDAO	CENTRAL AFRICAN REP	29838	C	BARNAUL	USSR
42475	C	ALLAHABAD/BAMHRAULI	INDIA	80410	C	BARQUISIMETO	VENEZUELA
72517	C	ALLENTOWN/A.-BETHLEHEM-, PA.	USA	82571	C	BARRA DO CORDA	BRAZIL
36870	CT	ALMA-ATA	USSR	80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA
08487	C	ALMERIA/AEROPUERTO	SPAIN	80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
44277	C	ALTAI	MONGOLIA	83236	C	BARREIRAS	BRAZIL
51076	C	ALTAY	CHINA	70026	CT	BARROW/W. POST W. ROGERS, AK.	USA
40270	C	AMMAN AIRPORT	JORDAN	98135	C	BASCO	PHILIPPINES
97240	C	AMPENAN/SELAPARANG	INDONESIA	89057	C	BASE ARTURO PRAT	CHILE
42071	C	AMRITSAR	INDIA	89059	C	BASE BERNARDO O'HIGGINS	CHILE
89009	C	AMUNDSEN-SCOTT	USA	64931	C	BATOUI	REP CAMEROON
25563	CT	ANADYR'	USSR	91557	CT	BAUERFIELD (EFATE)	VANUATU
70273	CT	ANCHORAGE/INTL, AK.	USA	60571	CT	BECHAR	ALGERIA
91568	C	ANEITYUM	Vanuatu	72412	C	BECKLEY(RALEIGH CTY.MUN.), VA.	USA
04360	CT	ANGMAGSSALIK	DENMARK	54511	CT	BEIJING	CHINA
17130	CT	ANKARA/CENTRAL	TURKEY	67297	C	BEIRA	MOZAMBIQUE
60360	C	ANNABA	ALGERIA	60402	C	BEJAIA	ALGERIA
70398	C	ANNETTE ISLAND, AK.	USA	82191	C	BELEM	BRAZIL
84542	C	ANTA (HUARAZ)	PERU	82193	T	(AEROPORTO)	BRAZIL
17300	C	ANTALYA	TURKEY	03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM
67083	CT	ANTANANARIVO/IVATO	MADAGASCAR	43198	C	BELGAUM/SAMBRA	INDIA
85442	C	ANTOFAGASTA	CHILE	78583	C	BELIZE/INTL AIRPORT	BELIZE
98232	C	APARRI	PHILIPPINES	03976	C	BELMULET	IRELAND
80084	C	APARTADO	COLOMBIA	83587	C	BELO HORIZONTE	BRAZIL
91762	C	APIA	SAMOA	82246	C	BELTERRA	BRAZIL
83096	C	ARACAJU	BRAZIL	40180	C	BEN-GURION INTL AIRPORT	ISRAEL
48462	C	ARANYAPRATHET	THAILAND	60518	C	BENI-SAF	ALGERIA
40357	C	ARAR	SAUDI ARABIA	62053	C	BENINA	LIBYAN ARAB JAMAHIRI
80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA	82410	C	BENJAMIN CONSTANT	BRAZIL

STATION LIST RECENT DATA

13274	C	BEOGRAD	YUGOSLAVIA	44239	C	BULGAN	MONGOLIA
13275	T	BEOGRAD/ZELENO BRDO	YUGOSLAVIA	15655	C	BURGAS	BULGARIA
64600	C	BERBERATI	CENTRAL AFRICAN REP	72617	C	BURLINGTON/INTL, VT.	USA
01317	C	BERGEN/FLORIDA	NORWAY	17116	C	BURSA	TURKEY
10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP	16560	CT	CAGLIARI/ELMAS	ITALY
78016	T	BERMUDA/NAS KINDELY	USA	94287	C	CAIRNS AIRPORT	AUSTRALIA
40179	T	BET DAGAN	ISRAEL	62366	C	CAIRO	EGYPT
70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA	84472	C	CAJAMARCA	PERU
68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA	42807	C	CALCUTTA/ALIPORE	INDIA
42971	CT	BHUBANESWAR	INDIA	42809	T	CALCUTTA/DUM DUM	INDIA
12295	C	BIALYSTOK	POLAND	80259	C	CALI/PALMASECA	COLOMBIA
71848	C	BIG TROUT LAKE, ONT.	CANADA	71925	C	CAMBRIDGE BAY, N.W.T.	CANADA
42165	C	BIKANER	INDIA	85315	C	CAMIPI	BOLIVIA
72677	C	BILLINGS/LOGAN INTL, MT.	USA	93944	CT	CAMPBELL ISLAND	N ZEALAND
61017	C	BILMA	NIGER	83611	C	CAMPO GRANDE	BRAZIL
72515	C	BINGHAMTON/BROOME CO., NY.	USA	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
96441	CT	BINTULU	MALAYSIA	83698	C	CAMPOS	BRAZIL
61401	C	BIR MOGHREIN	MAURITANIA	17112	C	CANAKKALE	TURKEY
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	84226	C	CANAR	ECUADOR
61075	C	BIRNI-N'KONNI	NIGER	94926	C	CANBERRA AIRPORT	AUSTRALIA
60525	C	BISKRA	ALGERIA	72304	C	CAPE HATTERAS, NC.	USA
72764	CT	BISMARCK/MUN., ND.	USA	68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA
61766	C	BISSAU (AEROPORT)	GUINEA-BISSAU	80416	C	CARACAS/LA CARLOTA	VENEZUELA
15085	C	BISTRITA	ROMANIA	80415	C	CARACAS/MAIQUETIA AEROP. INTL	VENEZUELA
64510	C	BITAM	GABON	83592	C	CARATINGA	BRAZIL
01028	CT	BJORNØYA	NORWAY	83498	C	CARAVELAS	BRAZIL
31510	CT	BLAGOVESCHENSK	USSR	03715	C	CARDIFF-WALES AIRPORT	U KINGDOM
68442	CT	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	38687	C	CARDZOU	USSR
74492	C	BLUE HILL OBS., MA.	USA	72712	C	CARIBOU/MUN., ME.	USA
65510	C	BOBO-DIOULASSO	BURKINA FASO	94300	C	CARNARVON AIRPORT	AUSTRALIA
01152	T	BODO	NORWAY	86580	C	CARRASCO	URUGUAY
01152	C	BODO VI	NORWAY	80022	C	CARTAGENA/CRESPO	COLOMBIA
30554	C	BOGDARIN	USSR	78325	C	CASA BLANCA/HABANA	CUBA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	60155	CT	CASABLANCA	MOROCCO
41883	C	BOGRA	BANGLADESH	89611	CT	CASEY	AUSTRALIA
29282	C	BOGUCANY	USSR	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
65338	C	BOHICON	BENIN	78714	C	CATACAMAS	HONDURAS
72681	C	BOISE/MUN., ID.	USA	87222	C	CATAROMA AERO.	ARGENTINA
61769	C	BOLAMA	GUINEA-BISSAU	83676	C	CATANDUVA	BRAZIL
83288	C	BOM JESUS DA LAPA	BRAZIL	87763	C	CATEDRAL 2000	ARGENTINA
43057	C	BOMBAY/COLABA	INDIA	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
43003	T	BOMBAY/SANTACRUZ	INDIA	94653	C	CEDUNA AIRPORT	AUSTRALIA
31253	C	BOMNAK	USSR	89056	C	CENTRO MET.ANTARTICO "PDTE".	CHILE
23884	C	BOR	USSR	89055	C	CENTRO MET.ANTARTICO "VICEC."	ARGENTINA
91930	C	BORA-BORA	FRENCH POLY.	87257	C	CERES	ARGENTINA
07510	CT	BORDEAUX/MERIGNAC	FRANCE	84444	C	CHACHAPOYAS	PERU
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	40942	C	CHAKHCHARAN	AFGHANISTAN
65516	C	BOROMO	BURKINA FASO	87320	C	CHAMICAL AERO	ARGENTINA
64610	C	BOSSANGOA	CENTRAL AFRICAN REP	48480	C	CHANTHABURI	THAILAND
64605	C	BOSSEMEBLE	CENTRAL AFRICAN REP	85230	C	CHARANA	BOLIVIA
72509	C	BOSTON/LOGAN INTL, MA.	USA	72414	C	CHARLESTON/KANAWHA, WV.	USA
60515	C	BOU-SAADA	ALGERIA	72208	C	CHARLESTON/MUN., SC.	USA
64601	C	BOUAR	CENTRAL AFRICAN REP	94510	CT	CHARLEVILLE AIRPORT	AUSTRALIA
61296	C	BOUGOUNI	MALI	99030	CT	CHARLIE	OCEAN WEATHER STATIO
07255	C	BOURGES	FRANCE	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	93986	CT	CHATHAM ISLAND	N ZEALAND
61461	C	BOUTILIMIT	MAURITANIA	71717	C	CHATHAM, N.B.	CANADA
83377	C	BRASILIA	BRAZIL	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
83378	T	BRASILIA (AEROPORTO)	BRAZIL	11406	C	CHEB	CZECHOSLOVAKIA
30309	C	BRATSK	USSR	56294	C	CHENDU	CHINA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	87322	C	CHEPES	ARGENTINA
07110	CT	BREST/GUIPAVAS	FRANCE	07024	C	CHERBOURG	FRANCE
64655	C	BRIA	CENTRAL AFRICAN REP	42515	C	CHERRAPUNJI	INDIA
16320	CT	BRINDISI	ITALY	76750	C	CHETUMAL, Q. ROO	MEXICO
94578	CT	BRISBANE AIRPORT	AUSTRALIA	72564	C	CHEYENNE, WY.	USA
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	41768	C	CHHOR	PAKISTAN
94203	CT	BROOME AIRPORT	AUSTRALIA	48327	CT	CHIANG MAI	THAILAND
72250	CT	BROWNSVILLE/INTL, TX.	USA	72530	C	CHICAGO/O'HARE, IL.	USA
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	47971	CT	CHICHIJIMA	JAPAN
15420	T	BUCHAREST/IMH	ROMANIA	84452	C	CHICLAYO	PERU
12843	CT	BUDAPEST/LORINC	HUNGARY	84531	C	CHIMBOTE	PERU
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	41978	C	CHITTAGONG (PATENG)	BANGLADESH
80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA	60425	C	CHLEF	ALGERIA
87585	C	BUENOS AIRES (OBS. CENTRAL)	ARGENTINA	44259	C	CHOIBALSAN	MONGOLIA
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	78724	C	CHOLUTECA	HONDURAS
67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	47648	C	CHOSHI	JAPAN

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93780	C	CHRISTCHURCH AIRPORT	N ZEALAND	72429	C	DAYTON/JAMES M. COX DAY., OH.	USA
48517	C	CHUMPHON	THAILAND	06260	CT	DE BILT	NETHERLANDS
47014	C	CHUNGGANG	DPR KOREA	12882	C	DEBRECEN	HUNGARY
71913	C	CHURCHILL, MAN.	CANADA	40045	C	DEIR EZZOR	SYRIAN ARAB REP
38262	C	CIMBAJ	USSR	97230	C	DENPASAR/NGURAH-RAI	INDONESIA
72421	C	CINCINNATI/GREATER CIN., OH.	USA	72469	C	DENVER/STAPLETON INTL, CO.	USA
30758	CT	CITA	USSR	41624	C	DERA ISMAIL KHAN	PAKISTAN
80444	C	CIUDAD BOLIVAR	VENEZUELA	72546	C	DES MOINES/MUN., IA.	USA
15120	CT	CLUJ-NAPOCA	ROMANIA	72537	C	DETROIT/METROPOLITAN, MI.	USA
71090	C	CLYDE, N.W.T.	CANADA	40416	CT	DHAHRAN	SAUDI ARABIA
82425	C	COARI	BRAZIL	41923	CT	DHAKA	BANGLADESH
76741	C	COATZACOALCOS, VER.	MEXICO	42314	C	DIBRUGARH/MOHANBARI	INDIA
94711	CT	COBAR	AUSTRALIA	61967	T	DIEGO GARCIA	USA
85041	C	COBIJA	BOLIVIA	67009	C	DIEGO-SUAREZ	MADAGASCAR
85223	C	COCHABAMBA	BOLIVIA	07280	C	DIJON	FRANCE
43353	T	COCHIN/WILLINGDON	INDIA	61666	C	DIOURBEL	SENEGAL
64504	C	COCOBEACH	GABON	63471	C	DIRE DAWA	ETHIOPIA
96996	CT	COCOS ISLAND AIRPORT	ISLANDS	17280	CT	DIYARBAKIR	TURKEY
94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA	64453	C	DJAMBALA	CONGO
21946	C	COKURDAH	USSR	60670	C	DJANET	ALGERIA
70316	CT	COLD BAY, AK.	USA	60535	C	DJELFA	ALGERIA
43466	C	COLOMBO	SRI LANKA	63125	C	DJIBOUTI	DJIBOUTI
86560	C	COLONIA	URUGUAY	72451	C	DODGE CITY/MUN., KS.	USA
76458	C	COLONIA JUAN CARRASCO MAZ.	MEXICO	63862	C	DODOMA	U REP TANZANIA
72310	C	COLUMBIA, SC.	USA	41170	CT	DOHA INTERNATIONAL AIRPORT	QATAR
72445	C	COLUMBIA/REGIONAL, MO.	USA	87648	C	DOLORES AERO	ARGENTINA
72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA	62650	C	DONGOLA	SUDAN
87748	T	COMANDANTE ESPORA B.A.	ARGENTINA	65501	C	DORI	BURKINA FASO
87860	CT	COMODORO RIVADAVIA AERO	ARGENTINA	64910	C	DOUALA OBS.	REP CAMEROON
82861	C	CONCEICAO DO ARAGUAIA	BRAZIL	09488	C	DRESDEN-KLOTSCHE	GERMAN DEM REP
85196	C	CONCEPCION	BOLIVIA	03969	C	DUBLIN AIRPORT	IRELAND
86134	C	CONCEPCION	PARAGUAY	52836	C	DULAN	CHINA
72605	C	CONCORD/MUN., NH.	USA	72745	C	DULUTH/INTL, MN.	USA
87395	C	CONCORDIA AERO	ARGENTINA	42599	C	DUMKA	INDIA
72458	C	CONCORDIA/BLOSSER MUN., KS.	USA	68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA
15480	T	CONSTANTA	ROMANIA	42731	C	DWARKA	INDIA
60419	C	CONSTANTINE	ALGERIA	67005	C	DZAOUDZI/PAMANZI (MAYOTTE)	COMOROS
71938	C	COPPERMINE, N.W.T.	CANADA	24143	C	DZARDZAN	USSR
71915	C	CORAL HARBOUR, N.W.T.	CANADA	68858	C	EAST LONDON	SOUTH AFRICA
87344	CT	CORDOBA AERO	ARGENTINA	94907	C	EAST SALE AERODROME	AUSTRALIA
03955	C	CORK AIRPORT	IRELAND	03160	C	EDINBURGH AIRPORT	U KINGDOM
80403	C	CORO	VENEZUELA	17050	C	EDIRNE	TURKEY
72251	C	CORPUS CHRISTI/INTL, TX.	USA	71879	C	EDMONTON MUNICIPAL, ALTA.	CANADA
87166	C	CORRIENTES AERO.	ARGENTINA	04220	CT	EGEDESMINDE	DENMARK
83552	C	CORUMBA	BRAZIL	40199	C	EILAT	ISRAEL
65344	C	COTONOU	BENIN	62760	C	EL FASHER	SUDAN
41992	C	COX'S BAZAR	BANGLADESH	60590	C	EL GOLEA	ALGERIA
83512	C	COXIM	BRAZIL	60540	C	EL KHEITER	ALGERIA
82583	C	CRATEUS	BRAZIL	62771	C	EL OBEID	SUDAN
03774	T	CRAWLEY	U KINGDOM	60559	C	EL OUED	ALGERIA
82704	C	CRUZEIRO DO SUL	BRAZIL	72270	C	EL PASO/INTL, TX.	USA
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	84179	C	EL PUYO	ECUADOR
83361	C	CUIABA	BRAZIL	60550	C	ELBAYADH	ALGERIA
80420	C	CUMANA	VENEZUELA	12160	C	ELBLAG	POLAND
83842	C	CURITIBA	BRAZIL	63686	C	ELDORET	KENYA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	72486	C	ELY/YELLAND, NV.	USA
84686	C	CUZCO	PERU	10203	C	EMDEN-HAFEN	GERMANY, FED REP
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	86297	C	ENCARNACION	PARAGUAY
48855	T	DA-NANG	VIET NAM	29263	C	ENISEJSK	USSR
98325	C	DAGUPAN	PHILIPPINES	24817	C	ERBOGACEN	USSR
61641	CT	DAKAR/YOFF	SENEGAL	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
62432	C	DAKHLA	EGYPT	17092	C	ERZINCAN	TURKEY
41712	C	DAL BANDIN	PAKISTAN	03162	C	ESKDALEMUIR	U KINGDOM
44373	C	DALANZADGAD	MONGOLIA	94638	CT	ESPERANCE	AUSTRALIA
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	88963	C	ESPERANZA B.E.	ARGENTINA
42587	C	DALTONGANJ	INDIA	87803	C	ESQUEL AERO	ARGENTINA
40080	C	DAMASCUS NEW INTL AIRPORT	SYRIAN ARAB REP	24105	C	ESSEJ	USSR
62805	C	DAMAZINE	SUDAN	10410	CT	ESSEN	GERMANY, FED REP
04320	CT	DANMARKSHAVN	DENMARK	72594	C	EUREKA, CA.	USA
65351	C	DAPAON	TOGO	71917	C	EUREKA, N.W.T.	CANADA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	72432	C	EVANSVILLE/REG., IN.	USA
60390	CT	DAR-EL-BEIDA	ALGERIA	87576	CT	EZEIZA AERO	ARGENTINA
42391	C	DARBHANGA	INDIA	65507	C	FADA N'GOURMA	BURKINA FASO
61891	C	DARU	SIERRA LEONE	70261	C	FAIRBANKS/INTL, AK.	USA
94120	CT	DARWIN AIRPORT	AUSTRALIA	16191	C	FALCONARA	ITALY
89571	CT	DAVIS	AUSTRALIA	89063	C	FARADAY (ARGENTINE ISLAND)	U KINGDOM

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72753	C	FARGO/HECTOR FIELD, ND.	USA	59287	CT	GUANGZHOU	CHINA
82400	T	FERNANDO DE NORONHA	BRAZIL	84203	C	GUAYAQUIL/SIMON BOLIVAR	ECUADOR
11155	C	FEUERKOGEL	AUSTRIA	80423	C	GIRIA	VENEZUELA
09578	C	FICHTELBERG	GERMAN DEM REP	02128	C	GUNNARN	SWEDEN
72637	C	FLINT/BISHOP, MI.	USA	35700	CT	GUR'EV	USSR
82678	C	FLORIANO	BRAZIL	40360	C	GURITAT	SAUDI ARABIA
83897	C	FLORIANOPOLIS	BRAZIL	40250	C	H-4 'IRWAISHED'	JORDAN
82212	C	FONTE BOA	BRAZIL	48820	CT	HA NOI	VIET NAM
87162	C	FORMOSA AERO	ARGENTINA	31735	CT	HABROVSK	USSR
94646	CT	FORREST AIRPORT	AUSTRALIA	47678	C	HACHI JOJIMA	JAPAN
71945	C	FORT NELSON, B.C.	CANADA	47678	T	HACHI JOJIMA/OMURE	JAPAN
38001	C	FORT SEVCENKO	USSR	47069	C	HAEJU	DPR KOREA
71934	C	FORT SMITH, N.W.T.	CANADA	40373	C	HAFR AL-BATIN	SAUDI ARABIA
72344	C	FORT SMITH/MUN., AR.	USA	59758	C	HAIKOU	CHINA
72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA	40394	CT	HAIL	SAUDI ARABIA
82397	CT	FORTALEZA	BRAZIL	50527	T	HAILAR	CHINA
72389	C	FRESNO/AIR TERM., CA.	USA	71081	C	HALL BEACH, N.W.T.	CANADA
71909	C	FROBISHER BAY, N.W.T.	CANADA	89022	T	HALLEY	U KINGDOM
47807	CT	FUKUOKA	JAPAN	94212	C	HALLS CREEK AIRPORT	AUSTRALIA
91643	CT	FUNAFUTI	N ZEALAND	40030	C	HAMA	SYRIAN ARAB REP
08522	CT	FUNCHAL	MADEIRA	43497	C	HAMBANTOTA	SRI LANKA
83746	T	GALEAO	BRAZIL	10147	C	HAMBURG-FUHLSBUETTEL	GERMANY, FED REP
72242	C	GALVESTON, TX.	USA	52203	C	HAMI	CHINA
71803	C	GANDER INTL AIRPORT, NFLD.	CANADA	10338	CT	HANNOVER	GERMANY, FED REP
57993	C	GANZHOU	CHINA	23933	CT	HANTY-MANSIJSK	USSR
61226	C	GAO	MALI	91944	CT	HAO	FRENCH POLY.
65522	C	GAOUA	BURKINA FASO	02196	C	HAPARANDA	SWEDEN
63723	C	GARISSA	KENYA	34300	CT	HAR'KOV	USSR
64860	C	GAROUA	REP CAMEROON	67774	T	HARARE (BELVEDERE)	ZIMBABWE
40405	C	GASSIM	SAUDI ARABIA	67775	C	HARARE (KUTSAGA)	ZIMBABWE
42410	CT	GAUHATI	INDIA	02361	C	HARNOSAND	SWEDEN
80241	C	GAVIOTAS	COLOMBIA	72508	C	HARTFORD/BRADLEY INTL, CT.	USA
61099	C	GAYA	NIGER	60581	C	HASSI-MESSAOUD	ALGERIA
62752	C	GEDAREF	SUDAN	20891	CT	HATANGA	USSR
10628	C	GEISENHEIM	GERMANY, FED REP	78988	CT	HATO AIRPORT,CURACAO	CURACAO BONAIRE
89034	C	GENERAL BELGRANO II B.E.	ARGENTINA	72772	C	HELENA/COUNTY-CITY, MT.	USA
87532	C	GENERAL PICO AERO	ARGENTINA	02974	C	HELSINKI-VANTAA	FINLAND
89066	C	GENERAL SAN MARTIN B.E.	ARGENTINA	62378	C	HELWAN	EGYPT
06700	C	GENEVE-COINTRIN	SWITZ. LIECH.	16754	CT	HERAKLION	GREECE
89002	CT	GEORG VON NEUMAYER	GERMANY, F.R.	91945	C	HEREHERETUE	FRENCH POLY.
68828	C	GEORGE AIRPORT	SOUTH AFRICA	91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA
94403	C	GERALDTON AIRPORT	AUSTRALIA	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA
68024	C	GHANZI	BOTSWANA	47765	C	HIROSHIMA	JAPAN
60566	C	GHARDAIA	ALGERIA	04082	C	HJARDARNES	ICELAND
08495	CT	GIBRALTAR	GIBRALTAR	94975	CT	HOBART AIRPORT	AUSTRALIA
94461	CT	GILES	AUSTRALIA	93614	C	HOKITIKA AERODROME	N ZEALAND
93291	C	GISBORNE AERODROME	N ZEALAND	91520	C	HONIARA/HENDERSON	SOLOMON ISLANDS
41140	C	GIZAN	SAUDI ARABIA	91182	C	HONOLULU, OAHU, HAWAII	USA
94380	C	GLADSTONE	AUSTRALIA	06506	C	HORTA (ACORES)	PORTUGAL
72768	C	GLASGOW/INTL, MT.	USA	23219	C	HOSÉDA-HARD	USSR
-20292	CT	GMO IM.E.K. FEDOROVA	USSR	51828	C	HOTAN	CHINA
43192	CT	GOA/PANJIM	INDIA	72243	C	HOUSTON/INTERCONTINENTAL, TX.	USA
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	78806	T	HOWARD AFB	PANAMA
04250	C	GOTHAB	DENMARK	84564	C	HUANUCO	PERU
09499	C	GOERLITZ	GERMAN DEM REP.	72425	C	HUNTINGTON/TRI-STATE, WV.	USA
63331	C	GONDAR	ETHIOPIA	72654	C	HURON/HURON REGIONAL, SD.	USA
72465	C	GOODLAND/RENNER FIELD/, KS.	USA	41765	C	HYDERABAD	PAKISTAN
71816	C	GOOSE, NFLD.	CANADA	43128	CT	HYDERABAD AIRPORT	INDIA
02527	T	GOTEBORG/LANDVETTER	SWEDEN	47016	C	HYESAN	DPR KOREA
02512	C	GOTEBORG/SAVE	SWEDEN	15090	C	IASI	ROMANIA
68906	CT	GOUGH ISLAND	SOUTH AFRICA	80214	C	IBAGUE/PERALES	COLOMBIA
61045	C	GOURE	NIGER	32411	C	ICA	USSR
94150	CT	GOVE AIRPORT	AUSTRALIA	87097	C	IGUAZU AERO	ARGENTINA
72476	C	GRAND JUNCTION/WALKER F., CO.	USA	61972	C	ILE EUROPA	FRANCE
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	61970	C	ILE JUAN DE NOVA	FRANCE
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	61968	C	ILES GLORIEUSES	FRANCE
72775	CT	GREAT FALLS/INTL, MT.	USA	25248	C	ILIRNEJ	USSR
72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA	60640	C	ILLIZI	ALGERIA
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	98637	C	ILOILO	PHILIPPINES
72312	C	GREENVILLE/G-SPARTANBURG, SC.	USA	31416	C	IM POLINY OSIPENKO	USSR
09184	CT	GREIFSWALD	GERMAN DEM REP.	60611	C	IN AMENAS	ALGERIA
76612	C	GUADALAJARA, JAL.	MEXICO	60630	C	IN SALAH	ALGERIA
87497	C	GUALEGUAJU CHU AERO	ARGENTINA	47112	C	INCHON	REP KOREA
78701	C	GUANAJA	HONDURAS	72438	C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA
76577	C	GUANAJUATO, GTO.	MEXICO	42754	C	INDORE	INDIA
80428	C	GUANARE	VENEZUELA	67323	C	INHAMBALE	MOZAMBIQUE

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11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	02080	C	KARESUANDO	SWEDEN
72747	CT	INT. FALLS/FALLS INTL, MN.	USA	02418	C	KARLSTAD FLYGPLATS	SWEDEN
71907	C	INUUKJUAK, QUE.	CANADA	67475	C	KASAMA	ZAMBIA
71957	C	INUVIK, N.W.T.	CANADA	51709	C	KASHI	CHINA
93844	CT	INVERCARGILL AERODROME	N ZEALAND	62730	C	KASSALA	SUDAN
80370	C	IPIALES/SAN LUIS	COLOMBIA	10438	C	KASSEL	GERMANY, FED REP
84377	C	IQUITOS	PERU	17074	C	KASTAMONU	TURKEY
83881	C	IRAI	BRAZIL	26629	CT	KAUNAS	USSR
83836	C	IRATI	BRAZIL	61257	C	KAYES	MALI
30710	C	IRKUTSK	USSR	27595	CT	KAZAN	USSR
47918	CT	ISHIGAKIJIMA	JAPAN	61699	C	KEDOUGOU	SENEGAL
85469	C	ISLA DE PASCUA	CHILE	04018	CT	KEFLAVIK	ICELAND
85585	C	ISLA ROBINSON CRUSOE	CHILE	61285	C	KENIEBA	MALI
88968	C	ISLAS ORCADAS D.N. (OBS.)	ARGENTINA	16641	C	KERKYRA	GREECE
17240	CT	ISPARTA	TURKEY	02805	C	KEVO	FINLAND
17062	CT	ISTANBUL/GOZTEPE	TURKEY	72201	C	KEY WEST/INTL, FL.	USA
82445	C	ITAITUBA	BRAZIL	41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA
17220	C	IZMIR	TURKEY	62721	CT	KHARTOUM	SUDAN
84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR	61214	C	KIDAL	MALI
47800	C	IZUHARA	JAPAN	33345	CT	KIEV	USSR
82640	C	JACAREACANGA	BRAZIL	61498	C	KIFFA	MAURITANIA
87305	C	JACHAL	ARGENTINA	64387	C	KIGALI	RWANDA
72235	C	JACKSON/ALLEN C. THOMP., MS.	USA	02801	C	KILPISJARVI	FINLAND
72206	C	JACKSONVILLE/INTL, FL.	USA	68438	C	KIMBERLEY	SOUTH AFRICA
41715	C	JACOBABAD	PAKISTAN	47025	C	KIMCHAEK	DPR KOREA
83186	C	JACOBINA	BRAZIL	40437	CT	KING KHALED INTL AIRPORT	SAUDI ARABIA
43041	C	JAGDALPUR	INDIA	70326	C	KING SALMON, AK.	USA
24959	CT	JAKUTSK	USSR	45004	T	KING'S PARK	HONG KONG
01001	CT	JAN MAYEN	NORWAY	78397	CT	KINGSTON/NORMAN MANLEY	JAMAICA
68368	C	JAN SMUTS	SOUTH AFRICA	64210	C	KINSHASA/N'DJILI	ZAIRE
41024	CT	JEDDAHKING ABDUL AZIZ IAP	SAUDI ARABIA	30230	CT	KIRENSK	USSR
40184	C	JERUSALEM	ISRAEL	27196	C	KIROV	USSR
41936	C	JESSORE	BANGLADESH	61270	C	KITA	MALI
41598	C	JHELUM	PAKISTAN	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
60351	C	JIJEL	ALGERIA	72326	C	KNOXVILLE/MUN., TN.	USA
63402	C	JIMMA	ETHIOPIA	06181	T	KOBENHAVN/JAEGERSborg	DENMARK & FAROE IS.
52533	C	JIUQUAN	CHINA	06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK & FAROE IS.
41756	C	JIWANI	PAKISTAN	47893	C	KOCHI	JAPAN
42339	CT	JODHPUR	INDIA	61698	C	KOLDA	SENEGAL
02929	C	JOENSUU	FINLAND	29231	CT	KOLPASEV	USSR
02963	CT	JOKIOINEN	FINLAND	10929	C	KONSTANZ	GERMANY, FED REP
02550	C	JONKOPING FLYGPLATS	SWEDEN	25954	CT	KORF	USSR
78762	C	JUAN SANTAMARIA	COSTA RICA	91408	C	KOROR, PALAU IS.	USA
84474	C	JUANJUI	PERU	62772	C	KOSTI	SUDAN
62941	C	JUBA	SUDAN	42452	C	KOTA AERODROME	INDIA
83692	C	JUIZ DE FORA	BRAZIL	48615	CT	KOTA BHARU	MALAYSIA
87046	C	JUJUY AERO	ARGENTINA	96471	CT	KOTA KINABALU	MALAYSIA
84735	C	JULIACA	PERU	70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUST.	91577	C	KOUMAC (NLLE-CALEDONIE)	N. CALEDONIA
87548	C	JUNIN AERO	ARGENTINA	61293	C	KOUTIALA	MALI
32150	CT	JUZNO-SAHALINSK	USSR	43314	C	KOZHIKODE	INDIA
02935	CT	JYVASKYLA	FINLAND	29574	CT	KRASNOJARSK	USSR
61886	C	KABALA	SIERRA LEONE	38507	C	KRASNODVODSK	USSR
40948	C	KABUL AIRPORT	AFGHANISTAN	64971	C	KRIBI	REP CAMEROON
67663	C	KABWE	ZAMBIA	48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA
62810	C	KADUGLI	SUDAN	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
47827	C	KAGOSHIMA	JAPAN	48657	CT	KUANTAN	MALAYSIA
47827	T	KAGOSHIMA/YOSHINO	JAPAN	96413	CT	KUCHING	MALAYSIA
93012	CT	KAITAIA	N ZEALAND	62271	C	KUFRA	LIBYAN ARAB JAMAHIRI
02897	C	KAJAAINI	FINLAND	56778	CT	KUNMING	CHINA
30469	C	KALAKAN	USSR	97372	C	KUPANG/EL TARI	INDONESIA
16726	C	KALAMATA	GREECE	28952	CT	KUSTANAJ	USSR
94637	CT	KALGOORLIE AIRPORT	AUSTRALIA	71906	C	KUJJUQAO, QUE.	CANADA
25744	C	KAMENSKOE	USSR	02869	C	KUUSAMO	FINLAND
40001	C	KAMISHLI	SYRIAN ARAB REP	40582	CT	KUWAIT INTL AIRPORT	KUWAIT
67586	C	KAMUZU INTL.	MALAWI	91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA
47605	C	KANAZAWA	JAPAN	33393	CT	L'VOV	USSR
65306	C	KANDI	BENIN	78705	C	LA CEIBA (AIRPORT)	HONDURAS
47105	C	KANGNUNG	REP KOREA	08001	CT	LA CORUNA	SPAIN
22165	C	KANIN NOS	USSR	78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS
72446	C	KANSAS CITY, INTL, MO.	USA	85201	C	LA PAZ/ALTO	BOLIVIA
61679	C	KAOLACK	SENEGAL	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
04340	C	KAP. TOBIN	DENMARK	87217	C	LA RIOJA AERO.	ARGENTINA
71831	C	KAPUSKASING, ONT.	CANADA	85488	C	LA SERENA	CHILE
41780	CT	KARACHI AIRPORT	PAKISTAN	87534	C	LABOULEAYE	ARGENTINA
35394	CT	KARAGANDA	USSR	82723	C	LABREA	BRAZIL

STATION LIST RECENT DATA

68476	C	LADYSMITH	SOUTH AFRICA	40265	T	MAFRAQ	JORDAN
94027	C	LAE M.O.	PAPUA N GUINEA	61091	C	MAGARIA	NIGER
87903	C	LAGO ARGENTINO AERO	ARGENTINA	85114	C	MAGDALENA	BOLIVIA
41640	C	LAHORE CITY	PAKISTAN	60522	C	MAGHNIA	ALGERIA
72240	C	LAKE CHARLES/MUN., LA.	USA	61096	C	MAINE-SOROA	NIGER
72576	C	LANDER/HUNT, WY.	USA	67073	C	MAINTIRANO	MADAGASCAR
52889	CT	LANZHOU	CHINA	67027	C	MAJUNGA	MADAGASCAR
98223	C	LAQAG	PHILIPPINES	91376	C	MAJURO/MARSHALL IS. INTL	USA
02958	C	LAPPEENRANTA	FINLAND	41030	C	MAKKAH	SAUDI ARABIA
16648	C	LARISSA	GREECE	64456	C	MAKOUA	CONGO
87078	C	LAS LOMITAS	ARGENTINA	48665	C	MALACCA	MALAYSIA
72386	C	LAS VEGAS/MCCARRAN, NV.	USA	87506	C	MALARGUE AERO	ARGENTINA
40022	C	LATTAKIA	SYRIAN ARAB REP	03980	C	MALIN HEAD	IRELAND
94865	CT	LAVERTON AERODROME	AUSTRALIA	63799	C	MALINDI	KENYA
78925	C	LE LAMENTIN	MARTINIQUE	64890	C	MAMFE	REP CAMEROON
78897	CT	LE RAIZET/GUADELOUPE	ST. MARTIN, ST. BARTH	67143	C	MANANJARY	MADAGASCAR
94302	C	LEARMONTH AIRPORT	AUSTRALIA	82331	C	MANAUS	BRAZIL
12120	CT	LEBA	POLAND	82332	T	MANAUS (AEROPORTO)	BRAZIL
03257	C	LEEMING	U KINGDOM	03334	C	MANCHESTER AIRPORT	U KINGDOM
98444	C	LEGASPI	PHILIPPINES	48042	C	MANDALAY	BURMA
12374	T	LEGIONONHO	POLAND	44341	C	MANDALGOVI	MONGOLIA
09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP	65352	C	MANGO	TOGO
83242	C	LENCOIS	BRAZIL	98429	C	MANILA INTL AIRPORT	PHILIPPINES
26063	CT	LENINGRAD (TOWN/VILLE)	USSR	71722	C	MANIHKAI, QUE.	CANADA
03005	CT	LERWICK	U KINGDOM	43413	C	MANNAR	SRI LANKA
71874	C	LETHBRIDGE, ALTA.	CANADA	76654	C	MANZANILLO, COL.	MEXICO
80398	C	LETICIA/VASQUEZ COBO	COLOMBIA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
72422	C	LEXINGTON/BLUE GRASS, KY.	USA	87774	C	MAQUINCHAO	ARGENTINA
55591	CT	LHASA	CHINA	87692	C	MAR DEL PLATA AERO	ARGENTINA
64500	C	LIBREVILLE	GABON	82562	C	MARABA	BRAZIL
67217	C	LICHINGA	MOZAMBIQUE	80407	C	MARACAIBO-LA CHINITA	VENEZUELA
91165	CT	LIHUE, KAUAI, HAWAII	USA	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
84628	CT	LIMA-CALLAO/AEROP. INTL	PERU	61080	C	MARADI	NIGER
07434	C	LIMOGES	FRANCE	87467	C	MARCOS JUAREZ AERO	ARGENTINA
09393	CT	LINDBERG	GERMAN DEM REP	16325	C	MARINA DI GINOSA	ITALY
61627	C	LINGUERE	SENEGAL	68994	CT	MARION ISLAND	SOUTH AFRICA
08535	C	LISBOA	PORTUGAL	86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY
08579	T	LISBOA/GAGO COUTINHO	PORTUGAL	72743	C	MARQUETTE, MI.	USA
67743	C	LIVINGSTONE	ZAMBIA	60230	C	MARRAKECH	MOROCCO
13015	C	LJUBLJANA/BEZIGRAD	YUGOSLAVIA	07650	C	MARSEILLE/MARIGNANE	FRANCE
84270	C	LOJA/LA ARGELIA	ECUADOR	61996	CT	MARTIN DE VIVIES(ILE AMST.)	FRANCE
15511	C	LOM	BULGARIA	41288	C	MASIRAH	OMAN
65387	C	LOME	TOGO	61630	C	MATAM	SENEGAL
03776	C	LONDON/GATWICK AIRPORT	U KINGDOM	47618	C	MATSUMOTO	JAPAN
83766	C	LONDrina	BRAZIL	80435	C	MATURIN	VENEZUELA
94346	C	LONGREACH AIRPORT	AUSTRALIA	89564	C	MAWSON	AUSTRALIA
72247	T	LONGVIEW, TX.	USA	64503	C	MAYUMBA	GABON
94995	CT	LORD HOWE ISLAND	AUSTRALIA	40911	C	MAZAR-I-SHARIF	AFGHANISTAN
72295	C	LOS ANGELES/INTL, CA.	USA	70231	C	MCGRATH, AK.	USA
64401	C	LOUBOMO	CONGO	89664	C	MCMURDO	USA
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	60549	C	MECHERIA	ALGERIA
48930	C	LUANG-PRABANG	LAO PDR	96035	C	MEDAN/POLONIA	INDONESIA
72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA	72597	CT	MEDFORD/MEDFORD-JACKSON, OR.	USA
42369	T	LUCKNOW/AMAUSI	INDIA	94430	C	MEEKATHARRA AIRPORT	AUSTRALIA
06770	C	LUGANO	SWITZ. LIECH.	09548	CT	MEININGEN	GERMAN DEM REP
61856	C	LUNGI	SIERRA LEONE	64545	C	MEKAMBO	GABON
16597	C	LUGA	MALTA	60150	C	MEKNES	MOROCCO
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	86440	C	MELO	URUGUAY
07480	C	LYON/BRON	FRANCE	97014	C	MENADO/DR. SAM RATULANGI	INDONESIA
07481	T	LYON/SATOLAS	FRANCE	87418	C	MENDOZA AERO	ARGENTINA
60467	C	M'SILA	ALGERIA	80425	C	MENE GRANDE	VENEZUELA
40310	C	MA'AN	JORDAN	56985	C	MENGZI	CHINA
45011	C	MACAO	MACAU	08314	C	MENORCA/MAHON	SPAIN
82098	C	MACAPA	BRAZIL	86490	C	MERCEDES	URUGUAY
43185	C	MACHILIPATNAM (FRANCHPET)	INDIA	80438	C	MERIDA	VENEZUELA
94367	C	MACKAY	AUSTRALIA	72234	C	MERIDIAN/KEY, MS.	USA
72217	C	MACON/LEWIS B. WILSON, GA.	USA	62306	C	MERSA MATRUH	EGYPT
94998	CT	MACQUARIE ISLAND	AUSTRALIA	16420	C	MESSINA	ITALY
98646	C	MACTAN	PHILIPPINES	72202	C	MIAMI, FL.	USA
94014	C	MADANG M.O.	PAPUA N GUINEA	72265	C	MIDLAND/MIDLAND REG., TX.	USA
40430	CT	MADINAH	SAUDI ARABIA	91066	T	MIDWAY ISLAND	USA
72641	C	MADISON/DANE COUNTY REG., WI.	USA	84202	C	MILAGRO	ECUADOR
43279	CT	MADRAS/MINAMBAKKAM	INDIA	16080	T	MILANO/LINATE	ITALY
08222	C	MADRID	SPAIN	94693	C	MILDURA AIRPORT	AUSTRALIA
08221	T	MADRID/BARAJAS	SPAIN	60430	C	MILIANA	ALGERIA
47624	C	MAEBASHI	JAPAN	72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA

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47945	CT	MINAMIDAITOJIMA	JAPAN	80315	C	NEIVÁLA MANGUITA	COLOMBIA
47991	CT	MINAMITORISHIMA	JAPAN	61497	C	NEMA	MAURITANIA
43369	CT	MINICOY	INDIA	47420	CT	NEMURO	JAPAN
72658	C	MINNEAPOLIS/ST. PAUL INTL, MN.	USA	87715	CT	NEUQUEN/AERO	ARGENTINA
26850	CT	MINSK	USSR	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
29866	C	MINUSINSK	USSR	72231	C	NEW ORLEANS, LA	USA
12772	C	MISKOLC	HUNGARY	93308	C	NEW PLYMOUTH AERODROME	N ZEALAND
72773	C	MISSOULA/JOHNSON-BELL F., MT.	USA	72503	C	NEW YORK/LA GUARDIA, NY.	USA
64552	C	MITZIC	GABON	64870	C	NGAOUNDERE	REP CAMEROON
47585	C	MIYAKO	JAPAN	61052	CT	NIAMEY-AERO	NIGER
47927	C	MIYAKOJIMA	JAPAN	07690	C	NICE	FRANCE
47830	C	MIYAZAKI	JAPAN	47604	C	NIIGATA	JAPAN
64565	C	MOANDA	GABON	02942	C	NIINISALO	FINLAND
72223	C	MOBILE/BATES FIELD, AL.	USA	32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR
30673	C	MOGOMA	USSR	31369	C	NIKOLAEVSK-NA-AMURE	USSR
47165	C	MOKPO	REP KOREA	07645	CT	NIMES/COURBESSAC	FRANCE
72544	C	MOLINE/QUAD CITY, IL.	USA	61230	C	NIORO DU SAHEL	MALI
94044	C	MOMOTE, M.O.	PAPUA N GUINEA	23724	C	NJAKSIMVOL	USSR
72349	T	MONETT, MO.	USA	61878	C	NJALA	SIERRA LEONE
67633	C	MONGU	ZAMBIA	70200	CT	NOME, AK.	USA
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	04312	C	NORD AOS	DENMARK
72226	C	MONTGOMERY/DANNELLY, AL.	USA	94996	CT	NORFOLK ISLAND AIRPORT	AUSTRALIA
71627	C	MONTREAL/DORVAL INTL, QUE.	CANADA	72308	C	NORFOLK/INTL, VA.	USA
71836	C	MOOSONEE, ONT.	CANADA	72556	C	NORFOLK/KARL STEFAN, NE.	USA
61265	C	MOPTI	MALI	71043	C	NORMAN WELLS, N.W.T.	CANADA
94527	CT	MOREE	AUSTRALIA	71731	C	NORTH BAY, ONT.	CANADA
76665	C	MORELIA, MICH.	MEXICO	72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA
27612	CT	MOSKVA	USSR	61415	CT	NOUADHIBOU	MAURITANIA
60457	C	MOSTAGANEM	ALGERIA	61442	C	NOUAKCHOTT	MAURITANIA
71072	C	MOULD BAY A, N.W.T.	CANADA	91592	CT	NOUMEA (NLE-CALEDONIE)	N CALEDONIA
64706	C	MOUNDOU	CHAD	10763	C	NUERNBERG	GERMANY, FED REP
64402	C	MOUYONDZI	CONGO	84132	C	NUEVO ROCAFUERTE	ECUADOR
63619	C	MOYALE	KENYA	64659	C	OBO	CENTRAL AFRICAN REP
94821	CT	MT GAMBIER AIRPORT	AUSTRALIA	33837	CT	ODESSA	USSR
94332	CT	MT ISA AIRPORT	AUSTRALIA	31088	CT	OHOTSK	USSR
63971	C	MTWARA	U REP TANZANIA	47815	C	OITA	JAPAN
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY, FED REP	24688	C	OJMJAON	USSR
10866	C	MUENCHEN-RIEM	GERMANY, FED REP	72353	C	OKLAHOMA CITY/W.R. WORLD, OK.	USA
17292	C	MUGLA	TURKEY	24125	CT	OLENEK	USSR
42147	C	MUKTESWAR KUMAON	INDIA	72792	C	OLYMPIA, WA.	USA
41675	CT	MULTAN	PAKISTAN	47655	C	OMAEZAKI	JAPAN
08430	T	MURCIA	SPAIN	72553	C	OMAHA, NE.	USA
44231	C	MUREN	MONGOLIA	28698	CT	OMSK	USSR
22113	CT	MURMANSK	USSR	87016	C	ORAN AERO	ARGENTINA
72636	C	MUSKEGON/COUNTY, MI.	USA	60490	C	ORAN/ES SENIA	ALGERIA
63756	C	MWANZA	U REP TANZANIA	35121	CT	ORENBURG	USSR
23146	C	MYS KAMENNYJ	USSR	01241	T	ORLAND	NORWAY
25173	CT	MYS SMIDTA	USSR	01241	C	ORLAND III	NORWAY
25399	C	MYS VELEN	USSR	72205	C	ORLANDO/JETPORT/ FL.	USA
64654	C	N'DELE	CENTRAL AFRICAN REP	85242	C	ORURO	BOLIVIA
61049	C	N'GUIGMI	NIGER	47772	C	OSAKA	JAPAN
72340	C	N. LITTLE ROCK/MUN. APRT., AR.	USA	01384	CT	OSLO/GARDERMOEN	NORWAY
47817	C	NAGASAKI	JAPAN	02226	C	OSTERSUND/FROSÖN	SWEDEN
47636	C	NAGOYA	JAPAN	11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA
42867	CT	NAGPUR SONEGAON	INDIA	21965	CT	OSTROV CETYREH-STOLBOVOJ	USSR
47936	CT	NAHA	JAPAN	20674	CT	OSTROV DIKSON	USSR
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	21432	CT	OSTROV KOTEL'NYJ	USSR
41128	C	NAJRAN	SAUDI ARABIA	20069	C	OSTROV VIZE	USSR
48431	C	NAKHON RATCHASIMA	THAILAND	65503	C	OUAGADOUGOU	BURKINA FASO
48400	C	NAKHON SAHAN	THAILAND	65502	C	OUAHIGOUYA	BURKINA FASO
67237	C	NAMPULA	MOZAMBIQUE	60265	C	OUARAZAZATE	MOROCCO
58606	C	NANCHANG	CHINA	64458	C	OUESO	CONGO
07180	CT	NANCY/ESSEY	FRANCE	02875	C	OULU	FINLAND
91680	CT	NANDI	FIJI	91765	CT	PAGO PAGO/INT. AIRPORT	USA
59431	C	NANNING	CHINA	96109	C	PAKANBARU/SIMPANGTIKA	INDONESIA
07222	C	NANTES	FRANCE	48955	C	PAKSE	LAO PDR
23205	CT	NAR JAN-MAR	USSR	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
61233	C	NARA	MALI	08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN
04270	T	NARSSARSSUAQ	DENMARK	40061	C	PALMYRA	SYRIAN ARAB REP
72327	CT	NASHVILLE/OLD HICKORY, TN.	USA	97072	C	PALU/MUTIARA	INDONESIA
78073	C	NASSAU AIRPORT	BAHAMAS	43363	C	PAMBAN	INDIA
65319	C	NATITINGOU	BENIN	43285	T	PANAMBUR	INDIA
91683	C	NAUSORI	FIJI	96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA
47909	C	NAZE	JAPAN	41739	C	PANJGUR	PAKISTAN
47909	T	NAZE/FUNCHATOGUE	JAPAN	41560	C	PARACHINAR	PAKISTAN
64700	C	NDJAMENA	CHAD	65330	C	PARAKOU	BENIN

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87374	C	PARANA AERO	ARGENTINA	71896	C	PRINCE GEGRGE, B.C.	CANADA
07150	C	PARIS/LE BOURGET	FRANCE	04390	C	PRINS CHRISTIAN SUND	DENMARK
87814	C	PASO DE INDIOS	ARGENTINA	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	80002	C	PROVIDENCIA (ISLA)	COLOMBIA
86460	C	PASO DE LOS TOROS	URUGUAY	12695	C	PRZEMYSL	POLAND
80342	C	PASTO/ANTONIO NARINO	COLOMBIA	80412	C	PTO. CABELLO, B.N.	VENEZUELA
06610	T	PAYERNE	SWITZ. LIECH.	84515	C	PUCALLPA	PERU
12942	C	PECS	HUNGARY	80457	C	PUERTO 'AYACUCHO	VENEZUELA
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	80139	C	PUERTO CARRENO	COLOMBIA
87544	C	PEHUATO AERO	ARGENTINA	86086	C	PUERTO CASADO	PARAGUAY
91554	C	PEKOA AIRPORT/ESPIRITU-SANTO	VANUATU	87896	C	PUERTO DESEADO AERO	ARGENTINA
67215	C	PEMBA	MOZAMBIQUE	78711	C	PUERTO LEMPIRA	HONDURAS
48601	CT	PENANG/BAYAN LEPAS	MALAYSIA	78767	C	PUERTO LIMON	COSTA RICA
72688	C	PENDLETON, OR.	USA	84658	C	PUERTO MALDONADO	PERU
72532	C	PEORIA/GREATER PEORIA, IL	USA	85799	C	PUERTO MONTT	CHILE
80210	C	PEREIRA/MATECANA	COLOMBIA	78457	C	PUERTO PLATA	Dominican Rep
28225	C	PERM	USSR	86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY
07747	C	PERPIGNAN	FRANCE	85289	C	PUERTO SUAREZ	BOLIVIA
94610	CT	PERTH AIRPORT	AUSTRALIA	85934	C	PUNTA ARENAS	CHILE
16230	C	PESCARA	ITALY	87596	C	PUNTA INDIO B.A.	ARGENTINA
41530	CT	PESHAWAR	PAKISTAN	78760	C	PUNTARENAS	COSTA RICA
82983	C	PETROLINA	BRAZIL	47159	C	PUSAN	REP KOREA
32540	CT	PETROPAVLOVSK-KAMCHATKIJ	USSR	47058	CT	PYONGYANG	DPR KOREA
72408	C	PHILADELPHIA/INTL, PA.	USA	56137	C	QAMDO	CHINA
48378	C	PHITSANULOK	THAILAND	54857	C	QINGDAO	CHINA
72278	C	PHOENIX/SKY HARBOR INTL, AZ	USA	50745	C	QIQIHAAR	CHINA
78970	CT	PIARCO INTL AIRPORT, TRINIDAD	TRINIDAD	67283	C	QUELIMANE	MOZAMBIQUE
84140	C	PICHILINGUE	ECUADOR	41660	C	QUETTA AIRPORT	PAKISTAN
68174	CT	PIETERSBURG	SOUTH AFRICA	80144	C	QUIBDO/EL CARANO	COLOMBIA
87679	C	PIGUE AERO	ARGENTINA	72797	CT	QUILLAYUTE, WA.	USA
86255	C	PILAR	PARAGUAY	82586	C	QUIXERAMOBIM	BRAZIL
87349	C	PILAR OBSERVATORIO	ARGENTINA	94085	C	RABAUL M.O.	PAPUA N GUINEA
16158	C	PISA/S. GIUSTO	ITALY	40362	C	RAFHA	SAUDI ARABIA
84691	C	PISCO	PERU	72306	C	RALEIGH/RALEIGH-DURHAM, NC	USA
72520	C	PITTSBURGH/GREATER PITT., PA	USA	48097	C	RANGOON	BURMA
84401	C	PIURA	PERU	93997	C	RAOUL ISLAND, KERMADEC IS.	N ZEALAND
37050	C	PJATIGORSK	USSR	91958	CT	RAPA	FRENCH POLY.
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	72662	C	RAPID CITY/REG., SD.	USA
03827	C	PLYMOUTH/MOUNT BATTEN	U KINGDOM	91843	CT	RAROTONGA	N ZEALAND
72578	C	POCATELLO/NUM., ID.	USA	22602	C	REBOLY	USSR
61612	C	PODOR	SENEGAL	82900	CT	RECIFE (CURADO)	BRAZIL
47138	T	POHANG	REP KOREA	87270	C	RECONQUISTA AERO	ARGENTINA
20046	TC	POLAR GMO IM.E.T. KRENKELJA	USSR	71863	C	REGINA, SASK.	CANADA
91348	C	PONAPE, CAROLINE ISLANDS	USA	72488	C	RENO/INTL, NV.	USA
08513	C	PONTA DELGADA (ACORES)	PORTUGAL	87155	CT	RESISTENCIA AERO.	ARGENTINA
83702	C	PONTA PORA	BRAZIL	71924	C	RESOLUTE, N.W.T.	CANADA
43063	C	POONA	INDIA	04030	C	REYKJAVIK	ICELAND
11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA	85043	C	RIBERALTA	BOLIVIA
11934	C	POPRAD/TATRY	CZECHOSLOVAKIA	72401	C	RICHMOND/BYRD, VA.	USA
80421	C	PORLAMARI/AP INTL DEL CARIBE	VENEZUELA	91948	C	RIKITEA	FRENCH POLY.
43333	CT	PORT BLAIR	INDIA	82915	C	RIO BRANCO	BRAZIL
68842	CT	PORT ELIZABETH	SOUTH AFRICA	87736	C	RIO COLORADO	ARGENTINA
71109	C	PORT HARDY, B.C.	CANADA	87453	C	RIO CUARTO AERO	ARGENTINA
94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA	83743	C	RIO DE JANEIRO	BRAZIL
94035	C	PORT MORESBY M.O.	PAPUA N GUINEA	87925	C	RIO GALLEGOS AERO	ARGENTINA
62641	C	PORT SUDAN	SUDAN	87934	C	RIO GRANDE B.A.	ARGENTINA
78437	C	PORT-AU-PRINCE (DAMIEN)	HAITI	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
61998	CT	PORT-AUX-FRANCAIS (ILES KER.)	FRANCE	87065	C	RIVADAVIA	ARGENTINA
64501	C	PORT-GENTIL	GABON	40438	C	RIYADH	SAUDI ARABIA
72606	C	PORT AND/INTL JET PORT, ME.	USA	72411	C	ROANOKE/MUN., VA.	USA
72698	C	PORTLAND/INTL, OR.	USA	65660	C	ROBERTS FIELD	LIBERIA
83967	C	PORTO ALEGRE	BRAZIL	85268	C	ROBORE	BOLIVIA
83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL	86565	C	ROCHA	URUGUAY
82825	C	PORTO VELHO	BRAZIL	72644	C	ROCHESTER/MUN., MN.	USA
84135	C	PORTO VIEJO-GRANJA	ECUADOR	72529	C	ROCHESTER/R-MONROE CTY., NY	USA
08546	C	PORTO/SERRA DO PILAR	PORTUGAL	61988	C	RODRIGUES	MAURITIUS
87178	C	POSADAS AERO.	ARGENTINA	16242	C	ROMA/FIUMICINO	ITALY
09379	C	POTS DAM	GERMAN DEM REP	06190	C	RONNE	DENMARK & FAROE IS.
12330	CT	POZNAN	POLAND	87480	C	ROSARIO AERO	ARGENTINA
48500	C	PRACHUAP KHIRIKHAN	THAILAND	61489	C	ROSSO	MAURITANIA
11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA	34731	CT	ROSTOV-NA-DONU	USSR
11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA	89062	C	ROTHERA POINT	U KINGDOM
16245	T	PRATICA DI MARE	ITALY	45005	C	ROYAL OBSERVATORY	HONG KONG
87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA	51777	C	RUOGIANG	CHINA
68262	C	PRETORIA	SOUTH AFRICA	85141	C	RURRENABAQUE	BOLIVIA
68263	T	PRETORIA (IRENE)	SOUTH AFRICA	89001	CT	S.A.N.A.E. STATION	SOUTH AFRICA

STATION LIST RECENT DATA

82106	C	S.GABRIEL DO CACHOEIRA(UAU.) BRAZIL	61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE
71600	C	SABLE ISLAND, N.S.	60445	C	SETIF	ALGERIA
72483	C	SACRAMENTO/EXECUTIVE, CA.	08390	C	SEVILLA/TABLADA	SPAIN
06680	C	SAENTIS	58367	CT	SHANGHAI	CHINA
42671	C	SAGAR	03962	C	SHANNON AIRPORT	IRELAND
44354	C	SAINSHAND	59316	C	SHANTOU	CHINA
61980	C	SAINT-DENIS/GILLOT (REUNION)	41136	C	SHARURAH	SAUDI ARABIA
61600	C	SAINT-LOUIS	71601	C	SHEAWATER, N.S.	CANADA
71805	C	SAINT-PIERRE	70414	T	SHEMYA AFB, AK.	USA
08594	T	SAL	54342	C	SHENYANG	CHINA
41316	CT	SALALAH	72666	C	SHERIDAN/COUNTY, WY.	USA
23330	CT	SALEHARD	47898	C	SHIMIZU/ASHIZURI	JAPAN
72572	C	SALT LAKE CITY/INTL, UT.	47778	CT	SHIONOMISAKI	JAPAN
87047	CT	SALTA AERO	72248	C	SHREVEPORT/REG., LA.	USA
86360	C	SALTO	64405	C	SIBITI	CONGO
83229	C	SALVADOR	15260	C	SIBIU	ROMANIA
11150	C	SALZBURG-FLUGHAFEN	96073	C	SIBOLGA/PINANGSORI	INDONESIA
35925	C	SAM	61297	C	SIKASSO	MALI
17030	CT	SAMSUN	33946	C	SIMFEROPOL	USSR
61277	C	SAN	32195	C	SIMUSIR	USSR
80001	C	SAN ANDRES (ISLA)	48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE
72263	C	SAN ANGELO/MATHIS, TX.	47035	C	SINUIJU	DPR KOREA
80447	C	SAN ANTONIO DEL TACHIRA	72557	C	SIOUX CITY/MUN., IA.	USA
87784	C	SAN ANTONIO OESTE AERO	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
72253	C	SAN ANTONIO/INTL, TX.	17090	C	SIVAS	TURKEY
84008	C	SAN CRISTOBAL (GALAPAGOS)	60355	C	SKIKDA	ALGERIA
72290	C	SAN DIEGO/LINDBERGH, CA.	13586	C	SKOPJE-PETROVAC	YUGOSLAVIA
72290	T	SAN DIEGO/MONTGOMERY FLD, CA.	11903	C	SLIAC	CZECHOSLOVAKIA
80450	C	SAN FERNANDO DE APURE	76845	C	SN.CRISTOBAL LAS CASAS, CHIS	MEXICO
72494	C	SAN FRANCISCO/INTL, CA.	02836	CT	SODANKYLA	FINLAND
85207	C	SAN IGNACIO DE VELASCO	15614	C	SOFIA (OBSERV.)	BULGARIA
85247	C	SAN JOSE	65361	C	SOKODE	TOGO
84721	C	SAN JUAN	63962	C	SONGEA	U REP TANZANIA
87311	C	SAN JUAN AERO	48568	CT	SONGKHLA	THAILAND
86260	C	SAN JUAN BAUTISTA MISIONES	11146	C	SONNBLICK	AUSTRIA
78526	C	SAN JUAN/INTL, PUERTO RICO	16746	C	SOUDA	GREECE
87909	C	SAN JULIAN AERO	72535	C	SOUTH BEND/ST.JOSEPH CO., IN.	USA
87436	C	SAN LUIS AERO	13334	C	SPLIT/MARJAN	YUGOSLAVIA
87509	C	SAN RAFAEL AERO	72785	CT	SPOKANE/INTL, WA.	USA
71101	C	SANDSPIT, B.C.	72439	C	SPRINGFIELD/CAPITAL, IL.	USA
85123	C	SANTA ANA	72440	C	SPRINGFIELD/MUN., MO.	USA
85245	C	SANTA CRUZ	42027	CT	SRINAGAR	INDIA
87912	C	SANTA CRUZ AERO	61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS
60020	C	SANTA CRUZ DE TENERIFE	72655	T	ST. CLOUD/WHITNEY, MN.	USA
08515	C	SANTA MARIA (ACORES)	61901	CT	ST. HELENA IS.	U KINGDOM
72394	C	SANTA MARIA/PUBLIC, CA.	72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA
80009	C	SANTA MARTA/SIMON BOLIVAR	70308	C	ST. PAUL, AK.	USA
87623	CT	SANTA ROSA AERO	11028	C	ST. POELTEN	AUSTRIA
78717	C	SANTA ROSA DE COPAN	83997	C	ST.VITORIA DO PALMAR	BRAZIL
87129	C	SANTIAGO DEL ESTERO AERO.	01415	CT	STAVANGER/SOLA	NORWAY
78486	C	SANTO DOMINGO	.71815	C	STEPHENVILLE, NFLD.	CANADA
82668	C	SAO FELIX DO XINGU	80475	C	STO. DOMINGO (B.A.)	VENEZUELA
82280	C	SAO LUIZ	02464	C	STOCKHOLM/BROMMA	SWEDEN
83781	C	SAO PAULO	02465	T	STOCKHOLM/BROMMA	SWEDEN
83780	T	SAO PAULO (AEROPORTO)	03026	CT	STORNOWAY	U KINGDOM
47412	CT	SAPPORO	07190	C	STRASBOURG	FRANCE
13354	C	SARAJEVO	10739	CT	STUTTGART/SCHNARRENBERG	GERMANY, FED REP
34172	CT	SARATOV	85283	C	SUCRE	BOLIVIA
41594	T	SARGODHA	41062	C	SULAYEL	SAUDI ARABIA
64750	C	SARH	15360	C	SULINA	ROMANIA
72734	C	SAULT STE. MARIE, MI.	72429	T	SULPHUR GROVE, OH.	USA
72207	C	SAVANNAH/MUNICIPAL, GA.	02365	T	SUNDSVALL-HARNOSAND FLYGPLAT	SWEDEN
65335	C	SAVE	24738	C	SUNTAR	USSR
48938	C	SAYABOURY	41268	C	SUR	OMAN
10035	CT	SCHLESWIG	96933	C	SURABAYA/PERAK	INDONESIA
04339	T	SCORESBYSUND	98653	C	SURIGAO	PHILIPPINES
72793	C	SEATTLE/S.-TACOMA, WA.	01008	C	SVALBARD LUFTHAVN	NORWAY
62124	C	SEBHA	28440	CT	SVERDLOVSK	USSR
41256	CT	SEEB, INTERNATIONAL AIRPORT	94767	C	SYDNEY AIRPORT	AUSTRALIA
61272	C	SEGOU	71707	C	SYDNEY, N.S.	CANADA
25703	CT	SEJMCAN	23804	CT	SYKTYVKAR	USSR
36177	C	SEMIPALATINSK	41891	C	SYLHET	BANGLADESH
47590	CT	SENDAI	89532	C	SYOWA	JAPAN
62762	C	SENNAR	72519	C	SYRACUSE/HANCOCK, NY.	USA
48948	C	SENO	12205	C	SZCZECIN	POLAND
71811	C	SEPT-ILES, QUE.	12982	CT	SZEGED	HUNGARY

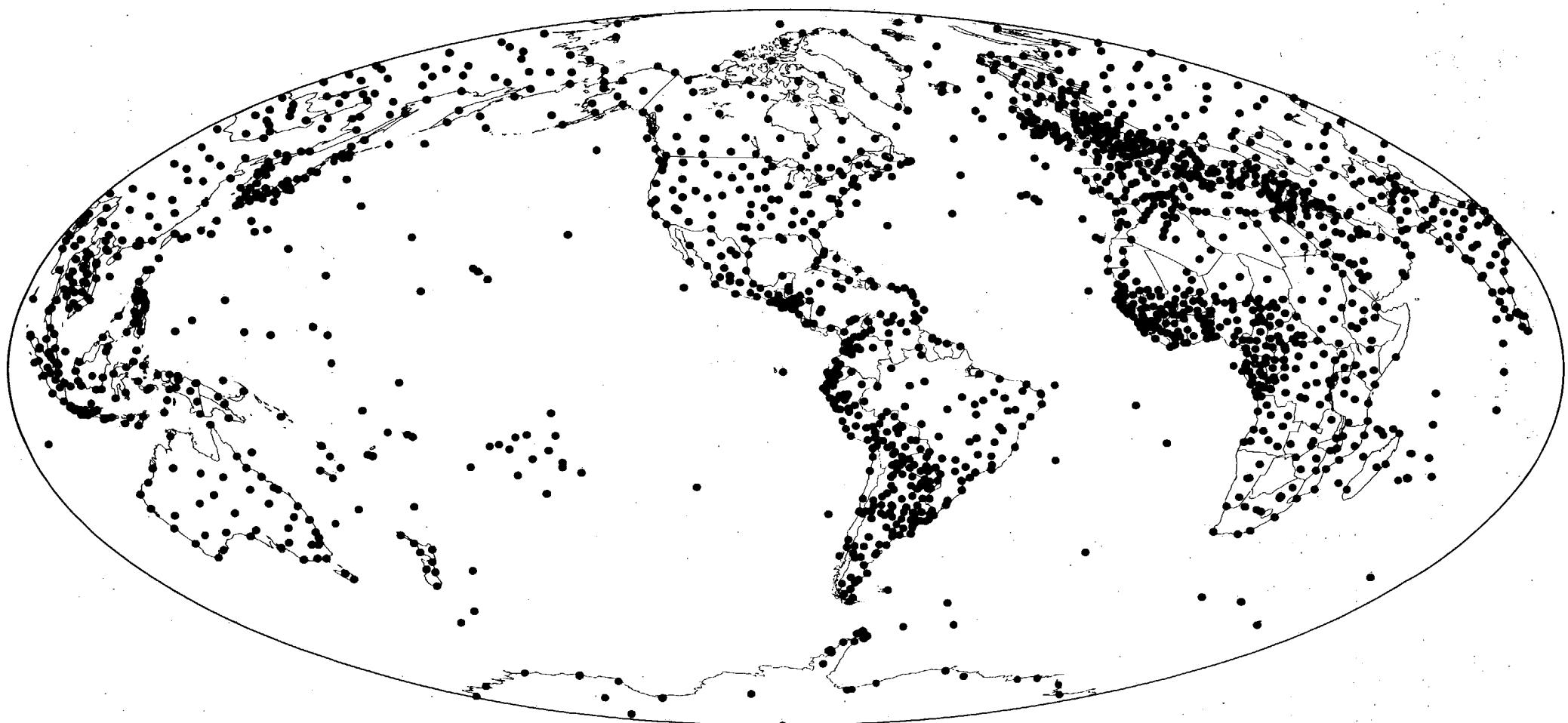
STATION LIST RECENT DATA

65380	C	TABLIGBO	TOGO	91334	CT	TRUK, CAROLINE IS.	USA
40375	CT	TABUK	SAUDI ARABIA	91954	C	TUBuai	FRENCH POLY.
98550	C	TACLOBAN	PHILIPPINES	72274	C	TUCSON/INTL, AZ.	USA
84782	C	TACNA	PERU	87121	C	TUCUMAN AERO	ARGENTINA
98644	C	TAGBILARAN	PHILIPPINES	98233	C	TUGUEGARAO	PHILIPPINES
83235	C	TAGUATINGA	BRAZIL	67161	C	TULEAR	MADAGASCAR
91938	CT	TAHITI-FAAA	FRENCH POLY.	72356	C	TULSA/INTL, OK.	USA
61043	C	TAHOUA	NIGER	84370	C	TUMBES	PERU
41036	C	TAIF	SAUDI ARABIA	80453	C	TUMEREMO	VENEZUELA
53772	C	TAIYUAN	CHINA	24507	CT	TURA	USSR
91943	C	TAKAROA	FRENCH POLY.	40356	C	TURAIF	SAUDI ARABIA
84390	C	TALARO	PERU	35358	C	TURGAJ	USSR
72214	C	TALLAHASSEE/MUN., FL.	USA	02972	C	TURKU	FINLAND
26038	C	TALLIN	USSR	23472	CT	TURUHANSK	USSR
60680	CT	TAMANRASSET	ALGERIA	48407	T	UBON RATCHATHANI	THAILAND
67095	C	TAMATAVE	MADAGASCAR	06447	CT	UCCLE	BELGIUM
61687	C	TAMBACOUNDA	SENEGAL	16045	C	UDINE/RIVOLTO	ITALY
38413	C	TAMDY	USSR	48354	C	UDON THANI	THAILAND
72211	C	TAMPA/INTL, FL.	USA	44292	C	ULAN-BATOR	MONGOLIA
87645	C	TANDIL AERO	ARGENTINA	44212	C	ULAN-GOM	MONGOLIA
96509	C	TARAKAN/JUWATA	INDONESIA	76225	C	UNIV. DE CHIHUAHUA, CHIH.	MEXICO
84455	C	TARAPOTO	PERU	04209	C	UPERNAVIK AWS	DENMARK
91610	CT	TARAWA	N ZEALAND	68424	CT	UPINGTON	SOUTH AFRICA
23552	C	TARKO-SALE	USSR	47426	C	URAKAWA	JAPAN
38457	CT	TASKENT	USSR	17270	C	URFA	TURKEY
47646	T	TATENO	JAPAN	51463	CT	URUMQI	CHINA
96481	CT	TAWAU	MALAYSIA	87938	C	USHUAIA B.A.	ARGENTINA
37549	CT	TBILISI	USSR	30635	C	UST'-BARGUZIN	USSR
78720	C	TEGUCIGALPA	HONDURAS	25325	C	UST'-OLOJ	USSR
78706	C	TELA	HONDURAS	02911	C	VAASA	FINLAND
96295	C	TELUKBETUNG/BERANTI	INDONESIA	85766	C	VALDIVIA	CHILE
56739	C	TENGCHONG	CHINA	03953	CT	VALENTIA OBSERVATORY	IRELAND
89053	C	TENIENTE JUBANY E.C.	ARGENTINA	80426	C	VALERA	VENUEZUELA
94238	C	TENNANT CREEK AIRPORT	AUSTRALIA	08141	C	VALLADOLID	SPAIN
83492	C	TEOFILO OTONI	BRAZIL	03302	C	VALLEY	U KINGDOM
82578	C	TEREZINA	BRAZIL	71892	C	VANCOUVER INTL AIRPORT, B.C.	CANADA
61202	C	TESSALIT	MALI	01098	C	VARD	NORWAY
67261	C	TETE	MOZAMBIQUE	15552	C	VARNA	BULGARIA
71867	C	THE PAS, MAN.	CANADA	26477	C	VELIKE LUKI	USSR
16622	C	THESSALONIKI/MIKRA	GREECE	16105	C	VENEZIA/TESSERA	ITALY
06011	CT	THORSHAVN	DENMARK & FAROE IS.	83264	C	VERA (GLEBA CELESTE)	BRAZIL
41314	C	THUMRAIT	OMAN	42909	C	VERAVAL	INDIA
94175	C	THURSDAY ISLAND	AUSTRALIA	24266	CT	VERHOJANSK	USSR
60511	C	TIARET	ALGERIA	16090	C	VERONA/VILLAFRANCA	ITALY
61450	C	TIDJIKJA	MAURITANIA	48112	C	VICTORIA POINT	BURMA
61036	C	TILLABERY	NIGER	72255	C	VICTORIA/VICTORIA REG., TX.	USA
60607	C	TIMIMOUN	ALGERIA	87791	C	VIEDMA AERO	ARGENTINA
15247	C	TIMISOARA	ROMANIA	48940	C	VIENTIANE	LAO PDR
60656	C	TINDOUF	ALGERIA	83208	C	VILHENA	BRAZIL
84534	C	TINGO MARIA	PERU	24641	C	VILJUJSK	USSR
03100	C	TIREE	U KINGDOM	60096	C	VILLA CISNEROS	WESTERN SAHARA
13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA	87328	C	VILLA DOLORES AERO	ARGENTINA
60531	C	TLEMSEN (ZENATA)	ALGERIA	87448	C	VILLA REYNOLDS AERO	ARGENTINA
28275	C	TOBOL'SK	USSR	11212	C	VILLACHERALPE	AUSTRIA
47662	C	TOKYO	JAPAN	86233	C	VILLARRICA	PARAGUAY
72536	C	TOLEDO/EXPRESS, OH.	USA	80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
61223	CT	TOMBOUCTOU	MALI	48845	C	VINH	VIET NAM
72456	C	TOPEKA/MUN., KS.	USA	02590	C	VISBY FLYGPLATS	SWEDEN
71624	C	TORONTO INTL AIRPORT, ONT.	CANADA	43149	C	VISHAKHAPATNAM	INDIA
76382	C	TORREON, COAH.	MEXICO	83648	C	VITORIA	BRAZIL
60555	C	TOUGGOURT	ALGERIA	31960	CT	VLADIVOSTOK	USSR
07630	C	TOULOUSE/BLAGNAC	FRANCE	27037	CT	VOLOGDA	USSR
94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA	34122	C	VORONEZ	USSR
16429	CT	TRAPANI/BIRGI	ITALY	22837	C	VYTEGRA	USSR
07145	T	TRAPPES	FRANCE	72256	C	WACO, MADISON-COOPER, TX.	USA
86500	C	TREINTA Y TRES	URUGUAY	62751	C	WAD MEDANI	SUDAN
87828	C	TRELEW AERO	ARGENTINA	03377	C	WADDINGTON	U KINGDOM
87688	C	TRES ARROYOS	ARGENTINA	94910	CT	WAGGA AIRPORT	AUSTRALIA
83618	C	TRES LAGOAS	BRAZIL	97340	C	WAINGAPU/MAU HAU	INDONESIA
16110	C	TRIESTE	ITALY	47600	CT	WAJIMA	JAPAN
43418	C	TRINCOMALEE	SRI LANKA	91245	C	WAKE ISLAND AIRFIELD, WAKE I	USA
85154	C	TRINIDAD	BOLIVIA	47401	CT	WAKKANAI	JAPAN
62010	C	TRIPOLI INTL AIRPORT	LIBYAN ARAB JAMAHIRI	97686	C	WAMENA/WAMENA	INDONESIA
43371	CT	TRIVANDRUM	INDIA	09170	C	WARNEMUENDE	GERMAN DEM REP
01025	C	TROMSO/LANGNES	NORWAY	12375	C	WARSZAWA-OKECIE	POLAND
84501	C	TRUJILLO	PERU	72405	C	WASHINGTON/NAT., VA.	USA

STATION LIST RECENT DATA

72403	T	WASHINGTON/STERLING, VA.	USA
40400	C	WEJH	SAUDI ARABIA
93434	C	WELLINGTON	N ZEALAND
72203	C	WEST PALM BEACH/INTL, FL.	USA
71964	C	WHITEHORSE, Y.T.	CANADA
72450	C	WICHITA, KS.	USA
11035	CT	WIEN/HOHE WARTE	AUSTRIA
72513	C	WILKES-BARRE-SCRANTON, PA.	USA
94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA
94299	CT	WILLIS ISLAND	AUSTRALIA
72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
72583	C	WINNEMUCCA/MUN., NV.	USA
71852	C	WINNIPEG INTL AIRPORT, MAN.	CANADA
12497	C	WLODAWA	POLAND
47055	C	WONSAN	DPR KOREA
94659	CT	WOOMERA AERODROME	AUSTRALIA
12425	T	WROCLAW I	POLAND
12424	C	WROCLAW II	POLAND
57036	C	XI'AN	CHINA
56571	C	XICHANG	CHINA
85365	C	YACUIBA	BOLIVIA
72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
70361	CT	YAKUTAT, AK.	USA
64661	C	YALINGA	CENTRAL AFRICAN REP
54292	C	YANJI	CHINA
64950	C	YAOUNDE	REP CAMEROON
91413	C	YAP, CAROLINE IS.	USA
40439	C	YENBO	SAUDI ARABIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
64900	C	YOKO	REP CAMEROON
47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
76525	C	ZACATECAS,ZAC.(LA BUFA,ZAC)	MEXICO
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	C	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO.	SPAIN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE).	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

CLIMATIC DATA STATIONS - WORLDWIDE



STATION	ANNUAL	MONTHLY PRECIPITATION TOTALS							ANNUAL 1987 NORTH CAROLINA			
		JAN	FEB	MAR	APR	MAY	JUN	JUL	SEP	OCT	NOV	DEC
NORTH CAROLINA												
ASHVILLE WSO AP	34.57	1.11	1.65	2.75	0.57	3.55			4.19	5.28	4.28	
ASHVILLE	25.67	0.71	1.57	1.81	0.53	2.2			2.77	4.92	2.94	
ASHFORD	36.74E	1.20	2.70	2.90	0.54E				3.80	4.10	4.80	
BADIN	-	1.70	1.30	2.50	1.25				2.40	1.70	2.50	
B EVERETT JORDAN DAM	-	1.70	1.50	3.60								
BOOMER 5 WSM	-	1.00	2.10	3								
BURLINGTON 3 NNE	-	0.80	1.92E	3								
CAPE HATTERAS WSO	48.86	5.75										
CARTHAGE 8 SE	-	1.70										
CATALOOCHEE	-	0.65										
CHARLOTTE WSO AP	25.31											
CLINTON 2 NE	35											
DALTON												
DODSON												
EDEN												
ELIZA												
ELIA												
FAVEY												
FRANKS												
GREENVIS												
HELTON												
HOBOKEN												
LAWRENCE												
LAURINBURG												
LEXINGTON												
ROCKSVILLE 2 NNE												
ROGERS CITY												
ROUND PLEASANT												
N WILKESBORO 12												
PICKET 2 NE												
QUISSEL												
RALEIGH-DURHAM WSO												
ROANOKE RAPIDS												
ROARING GAP 1 NW												
SHELBY 2												
SHENANDOAH FERRY 2 ENE												
SKYLAND 2 SSE												
WILMINGTON WSO AP												
WILSON 3 SW												
YADKINVILLE 6 E	26											

MONTHLY PRECIPITATION TOTALS

ANNUAL 1987
NORTH CAROLINA

NATIONAL CLIMATIC DATA CENTER



HOURLY PRECIPITATION DATA NORTH CAROLINA

DECEMBER 1987
WITH ANNUAL SUPPLEMENT
VOLUME 37 NUMBER 12

31 - NORTH CAROLINA

STATION INDEX

MONTHLY PRECIPITATION MAXIMA

HOURLY PRECIPITATION

STATION	MINUTES	A.M. HOUR ENDING											
		1	2	3	4	5	6	7	8	9	10	11	12
NORTH CAROLINA	15												
ASHVILLE WSO AP	30												
ASHVILLE	45												
ASHFORD													
BADIN													
B EVERETT JORDAN DAM													

For further information,
call or write to the

NATIONAL CLIMATIC DATA CENTER

Federal Building, Asheville, N. C. 28801-2696

Phone (704) 259-0682 or (704)-CLIMATE

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

STOCK of the printed publication is maintained only for the most recent three years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data are also available in digital form - on magnetic tape and diskette.



NATIONAL CLIMATIC DATA CENTER



CLIMATOLOGICAL DATA is a unique source of weather information derived from data collected by over 8,000 cooperative weather observers located throughout the United States, Puerto Rico, the Virgin Islands, and U. S. Pacific Islands. It is published monthly, with an Annual Summary, for each State or combination of States/Areas by the National Climatic Data Center, Asheville, North Carolina.

* MONTHLY editions contain:

- Temperature and precipitation extremes and summarized data.
- Daily precipitation, maximum and minimum temperatures, snowfall, soil temperatures, and evaporation & wind.
- Graphical displays of various climatological features.
- Station indices and locator maps.
- Monthly totals of heating degree days and snowfall are published as seasonal tables in the July issue.

* ANNUAL SUMMARY contains monthly and annual:

- Total precipitation and departures from normal.
- Average temperatures and departures from normal.
- Temperature extremes and freeze data.
- Soil temperatures.
- Total evaporation and wind movement.
- Monthly and seasonal cooling degree days.
- Graphical displays of various climatological features.
- Station indices and locator maps.

SHELF STOCK of the printed publication is maintained only for the most recent three years. Earlier years are available on microfiche or as paper copies reproduced from microfiche. The data are also available in digital form - on magnetic tape or diskette.

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CLIMATOLOGICAL DATA ANNUAL SUMMARY PENNSYLVANIA

1987

VOLUME 92 NUMBER 13



ISSN 0364-5843

A WORLD OF INFORMATION

For.....

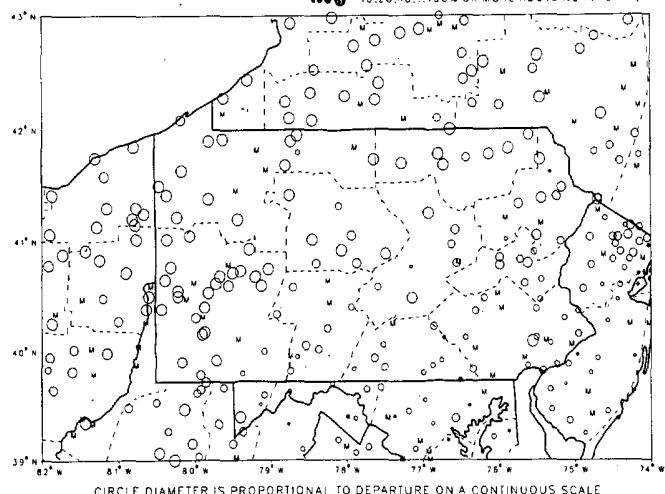
- * Industry
- * Research and Development
- * Public Utilities
- * Government Agencies
- * Attorneys
- * Construction
- * Consultants
- * Insurance Companies
- * Colleges and Universities
- * Energy



CLIMATOLOGICAL DATA PENNSYLVANIA JANUARY 1988 VOLUME 93 NUMBER 1

MONTHLY PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980)

M INCOMPLETE DATA FOR THE MONTH
EXACTLY NORMAL
5.10.20... 50% OR MORE BELOW NORMAL
10.20.40... 100% OR MORE ABOVE NORMAL



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER.

Kenneth D. Nalean

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

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Phone (704) 259-0682 or (704)-CLIMATE



COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center
January 1989

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

BULK RATE
POSTAGE & FEES PAID
United States Department Of Commerce
NOAA Permit No. G - 19

"FORWARDING AND RETURN POSTAGE GUARANTEED -
ADDRESS CORRECTION REQUESTED"